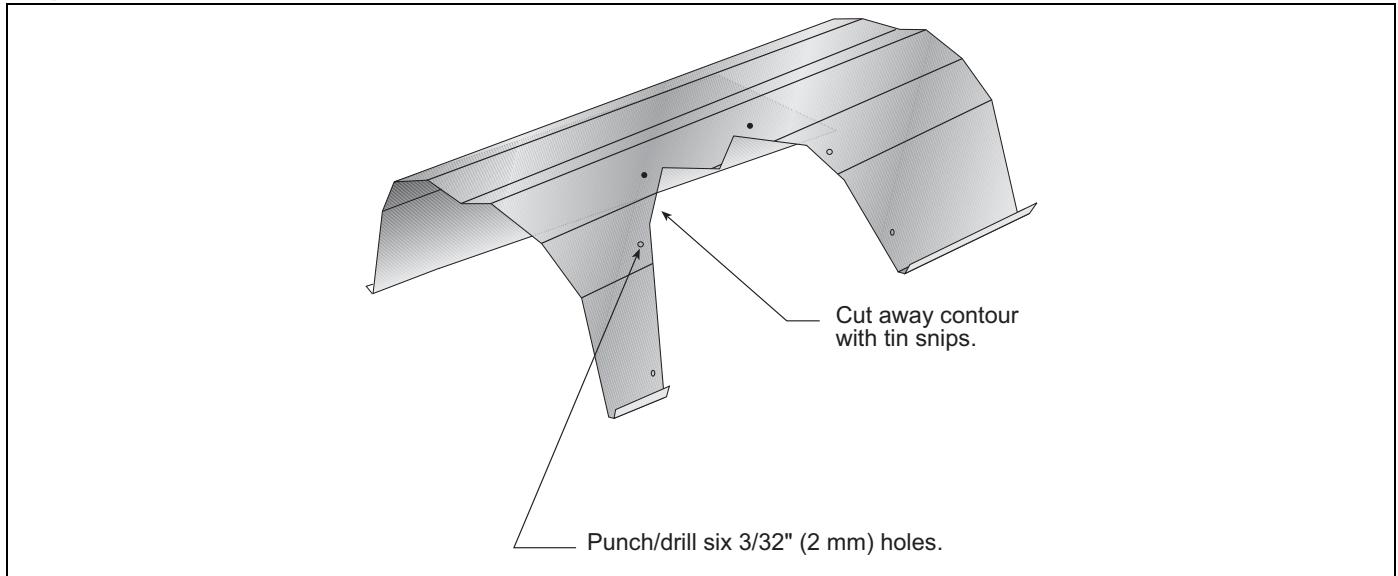
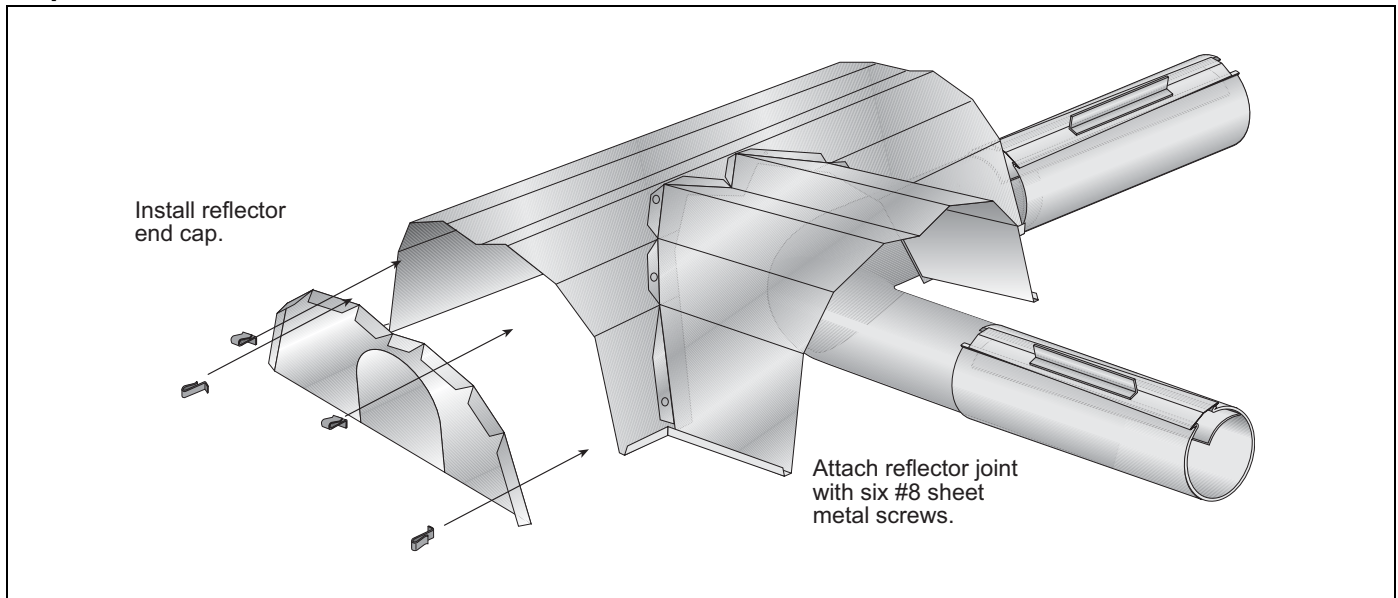
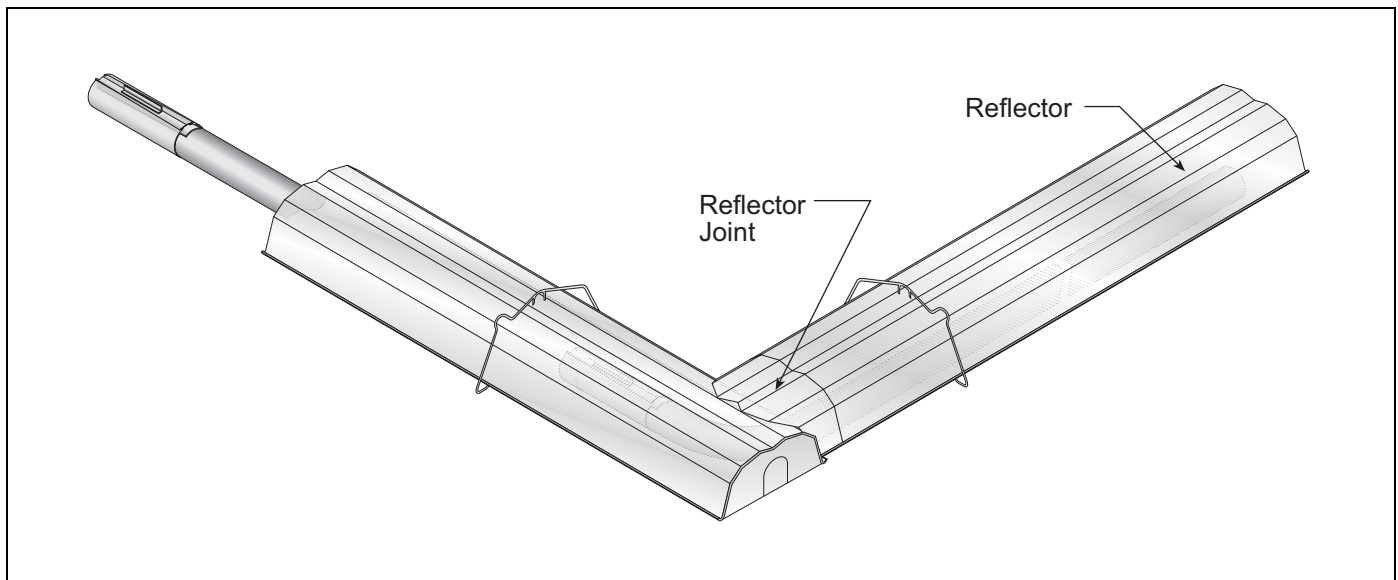
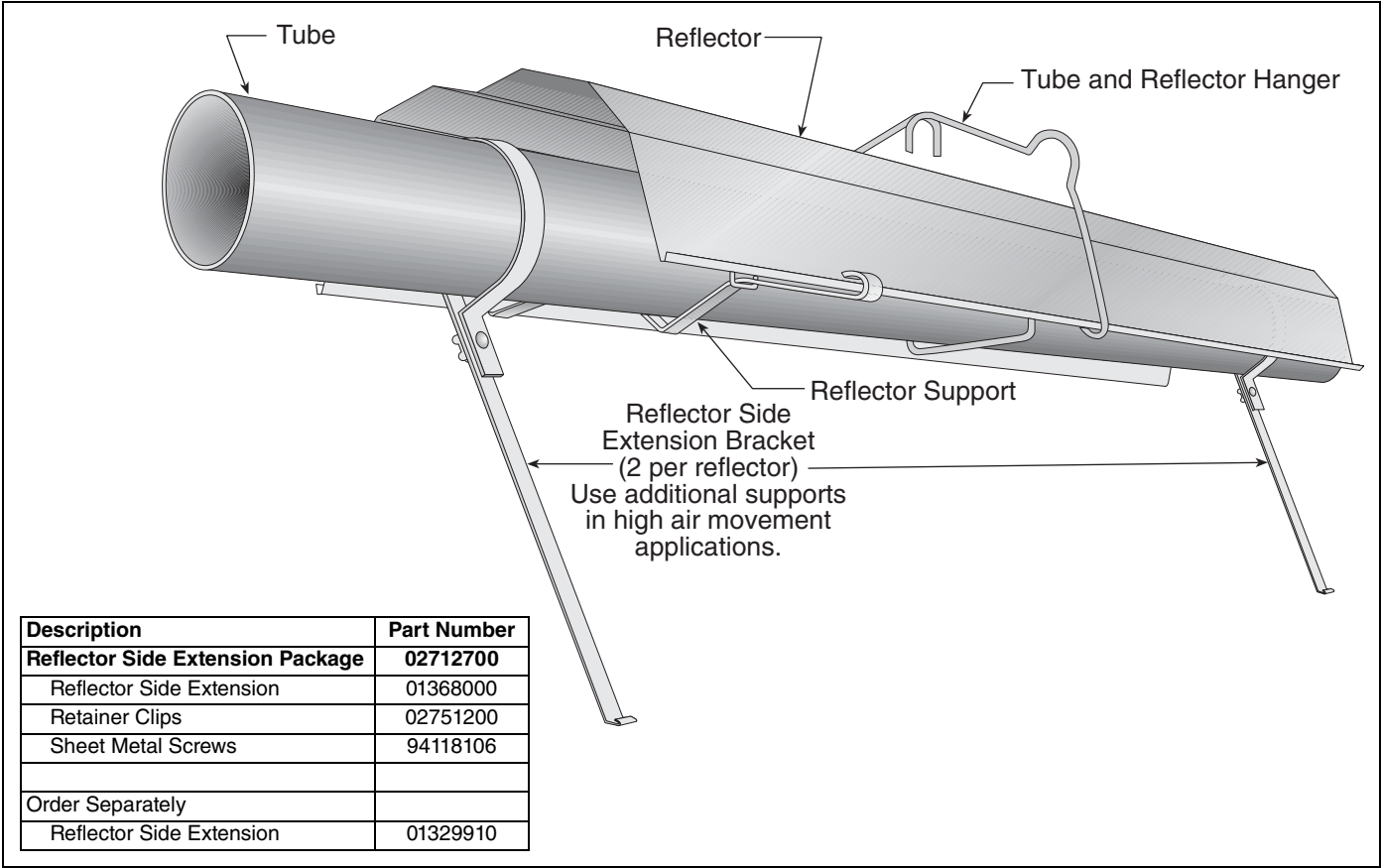


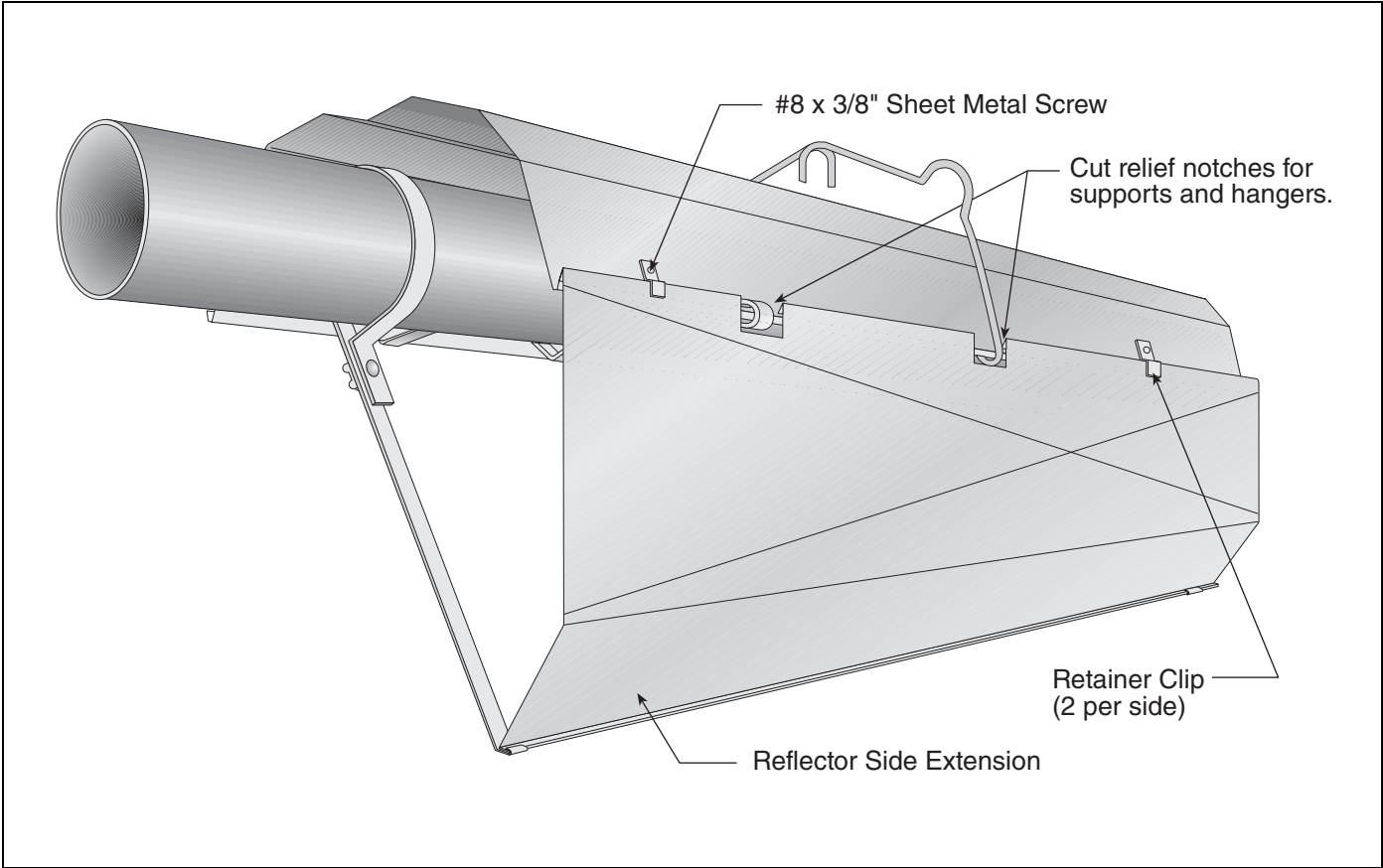
Step 7.2.4 Reflector Joint Installation**Step 7.2.5 Reflector Joint Detail****FIGURE 19: Reflector Joint Detail**

7.3 Reflector Side Extension

Step 7.3.1 Bracket Installation

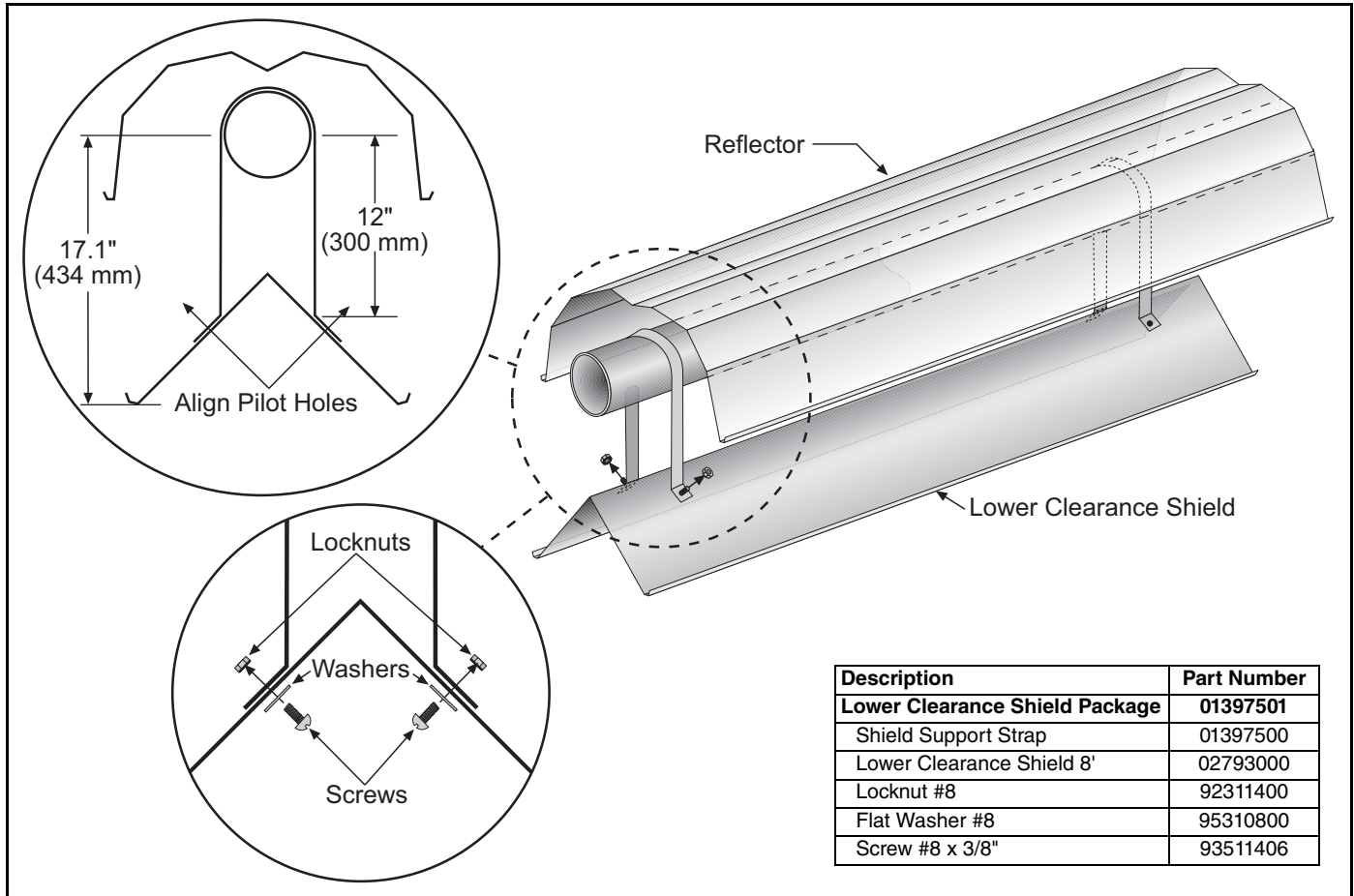


Step 7.3.2 Side Reflector Installation



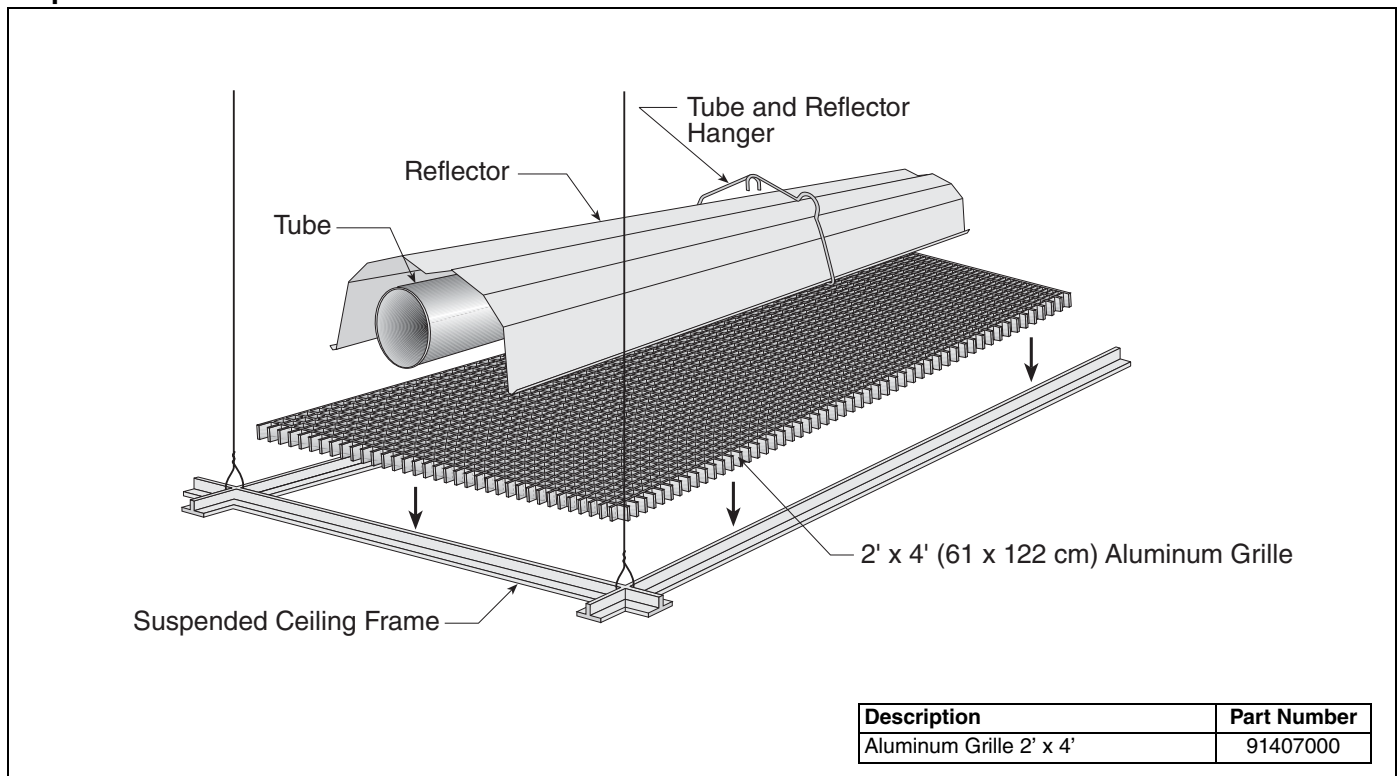
7.4 Lower Clearance Shield Installation

Step 7.4.1 Shield Support Strap Assembly

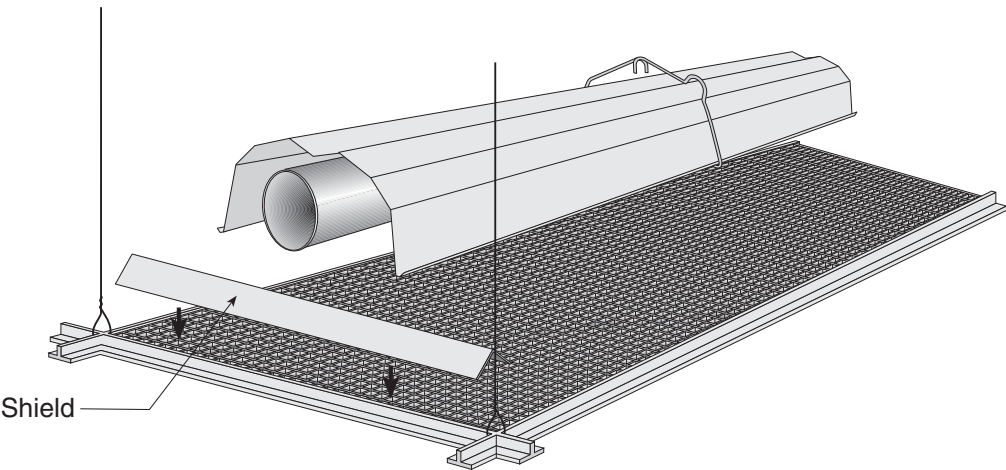


7.5 Two-Foot Decorative Grille Installation

Step 7.5.1 Grille Installation



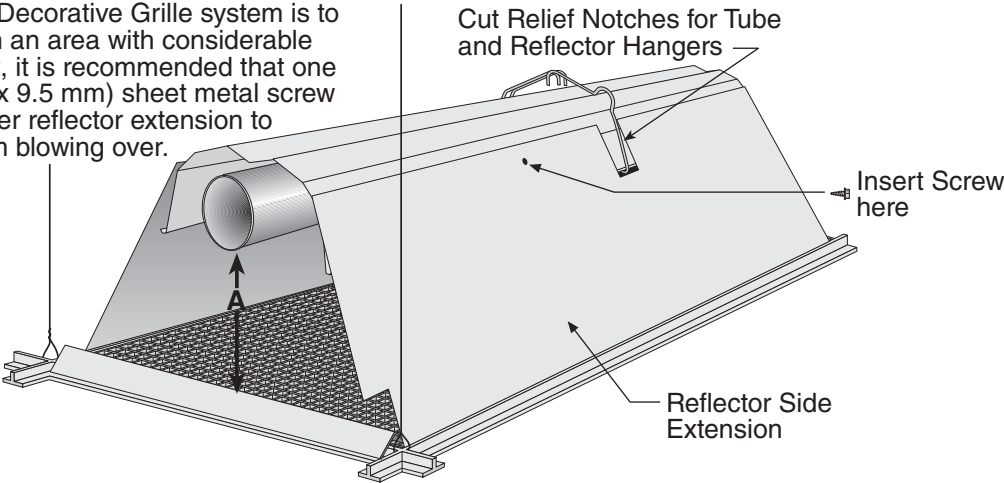
Step 7.5.2 Frame Shield Installation



Description	Part Number
Deco Grille Shield	01365900

Step 7.5.3 Reflector Side Extension Installation for Decorative Grilles

NOTE: If the Decorative Grille system is to be installed in an area with considerable air movement, it is recommended that one #8 x 3/8 (3.9 x 9.5 mm) sheet metal screw be installed per reflector extension to prevent it from blowing over.

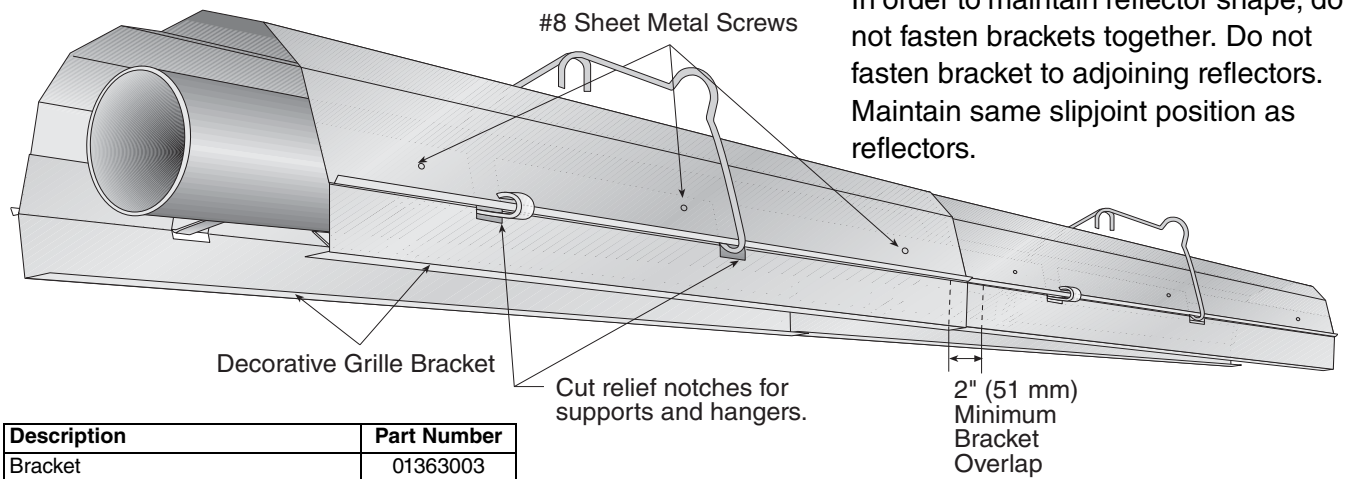


Distance "A"		Extension	
Minimum	Maximum	Part No.	Width
2" (4 cm)	6" (15 cm)	01370408	8" (20 cm)
6" (15 cm)	10" (26 cm)	01370412	12" (30 cm)
10" (26 cm)	14" (37 cm)	01370416	16" (40 cm)

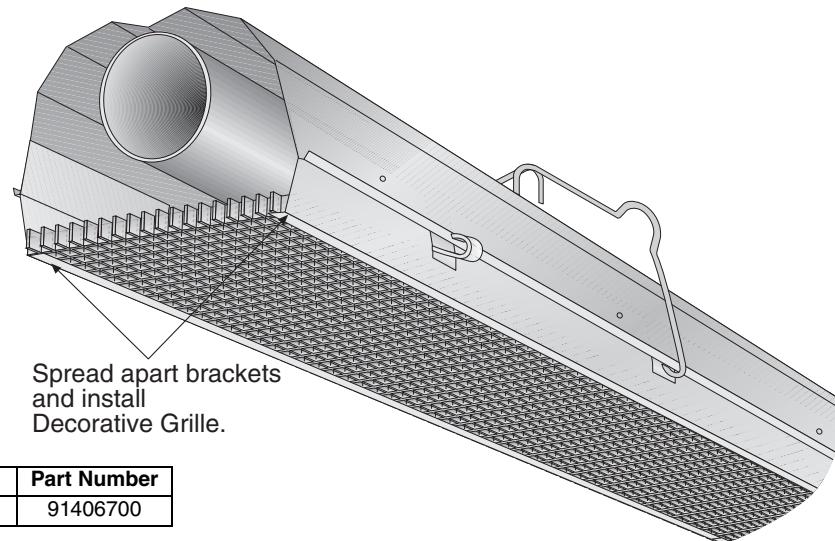
Description	Part Number
Reflector Side Extension	01370412

7.6 One-Foot Decorative Grille Installation

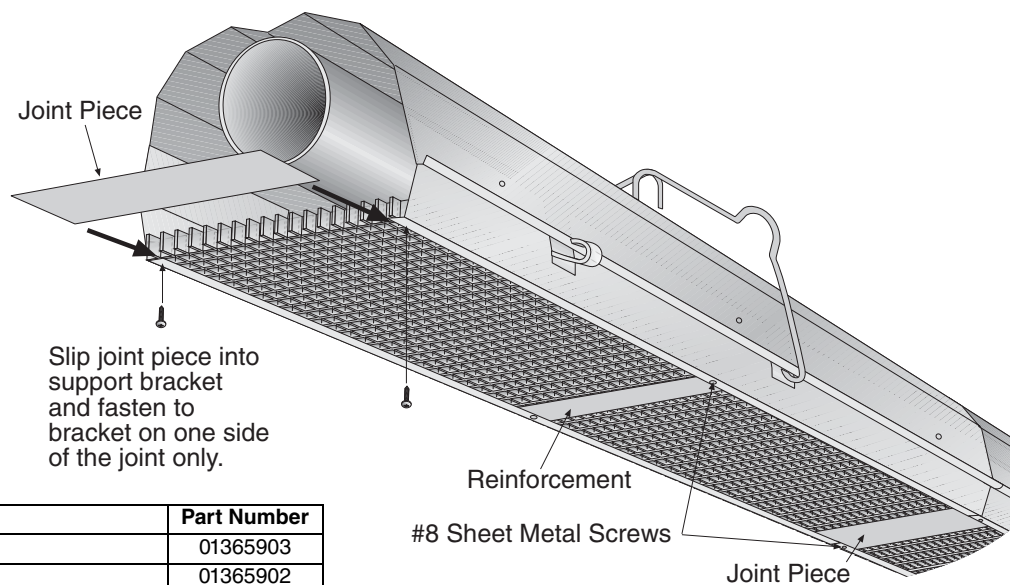
Step 7.6.1 One-Foot Decorative Grille Bracket



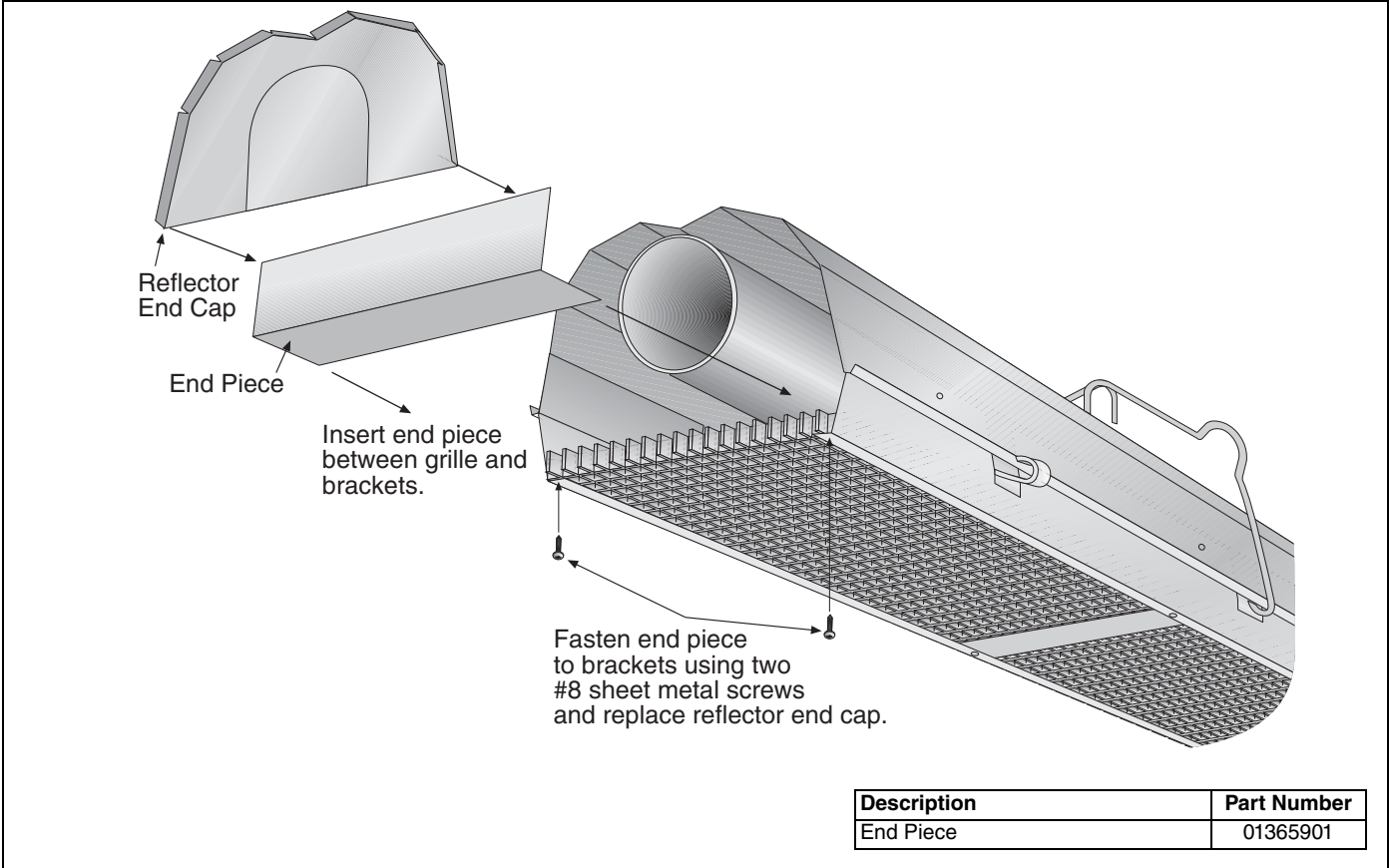
Step 7.6.2 Decorative Grille



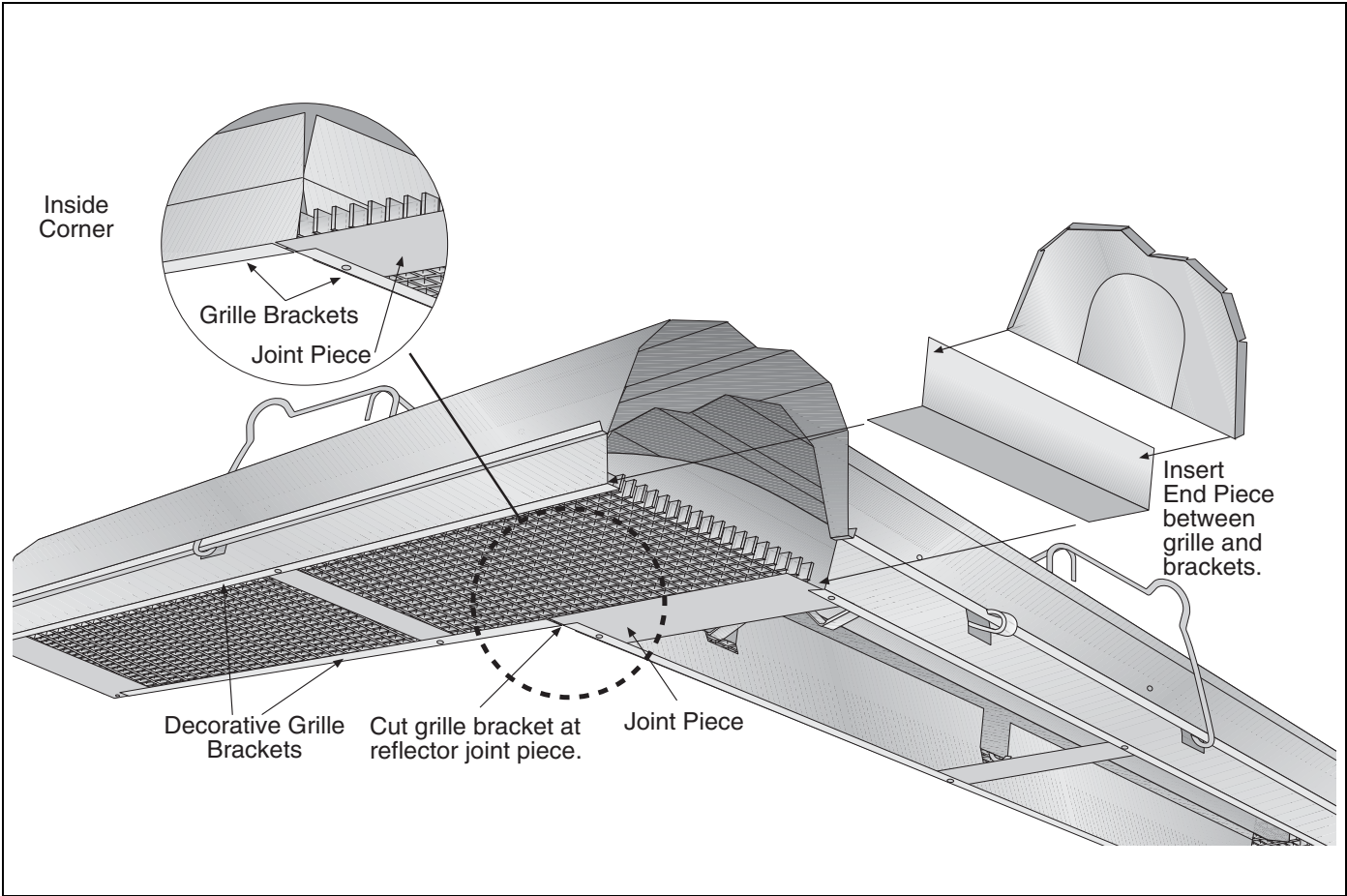
Step 7.6.3 Joint Piece and Reinforcement



Step 7.6.4 End Piece and Reflector End Cap

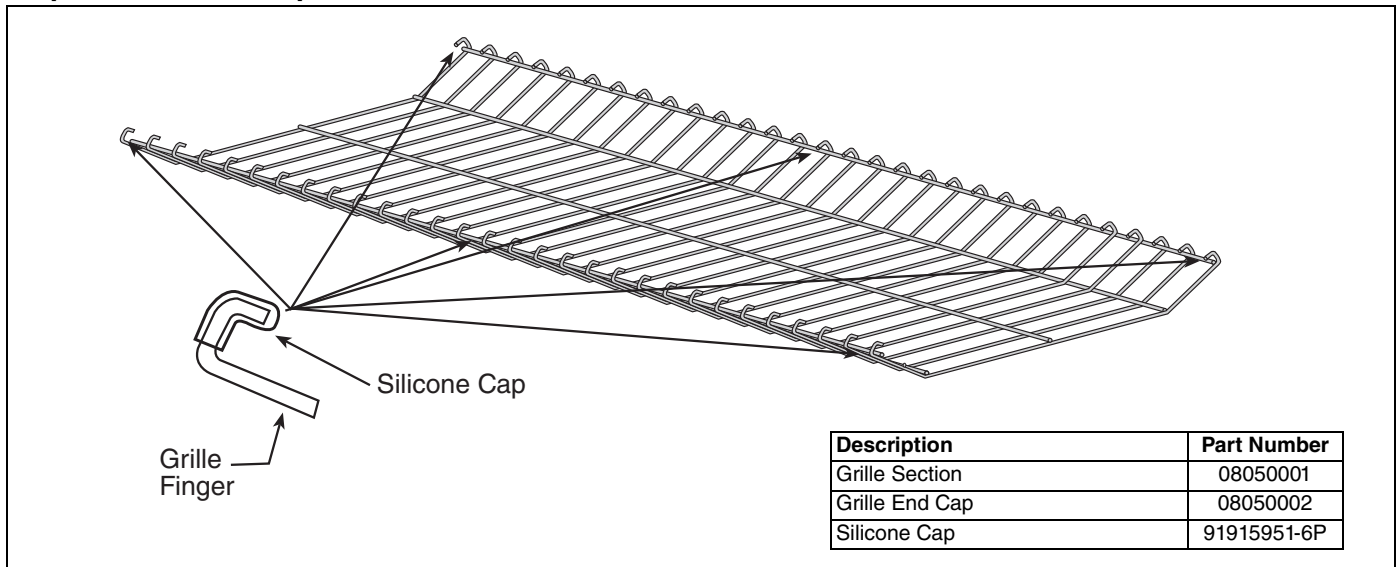


Step 7.6.5 90° Elbow

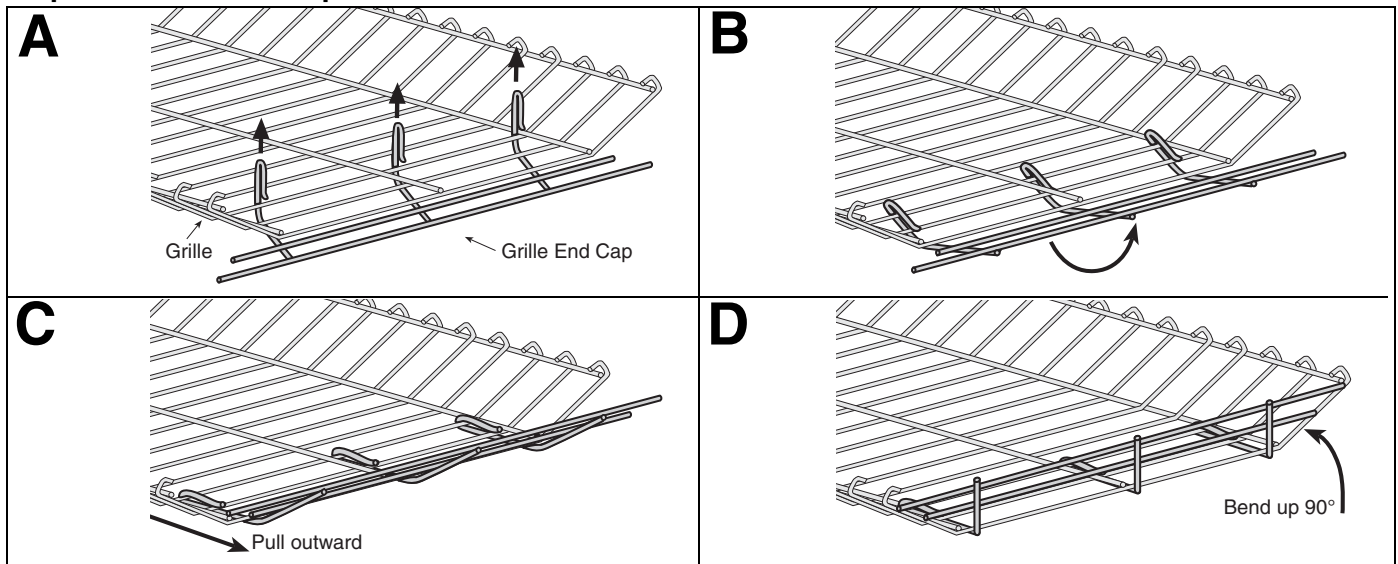


7.7 Protective Grille Installation

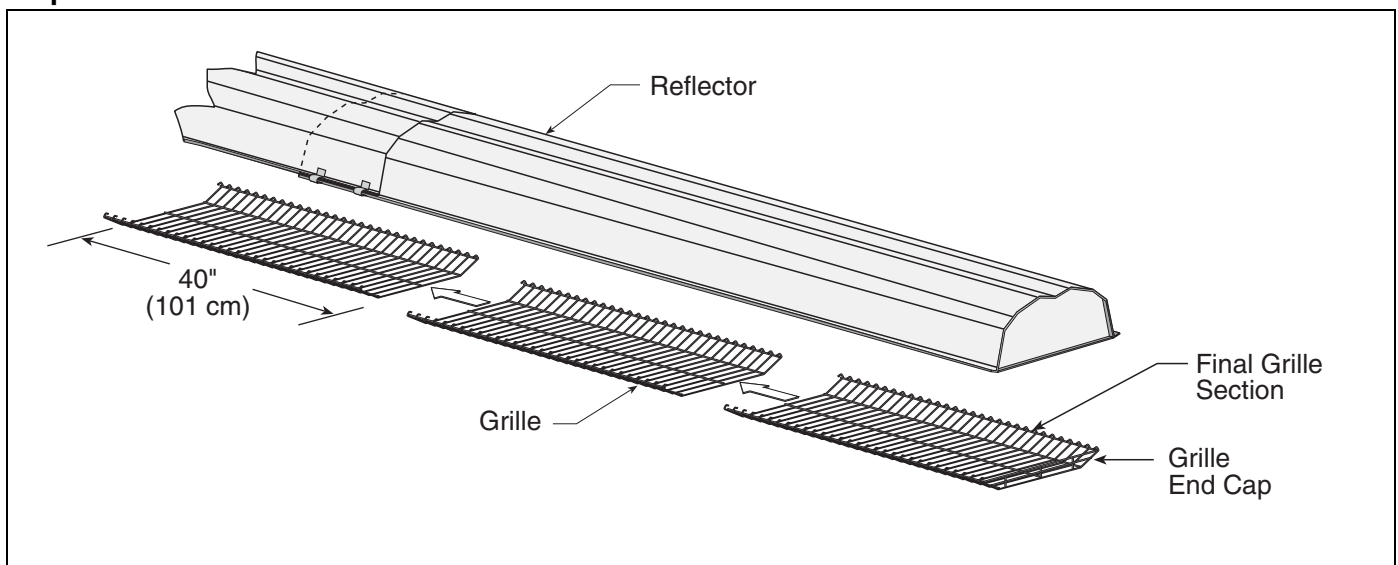
Step 7.7.1 Silicone Cap Installation




Step 7.7.2 Grille End Cap Installation



Step 7.7.3 Grille Installation



SECTION 8: VENTING

⚠ WARNING	
	Carbon Monoxide Hazard Heaters installed unvented must be interlocked with sufficient building exhaust.
	Heaters must be installed according to the installation manual.
	Failure to follow these instructions can result in death or injury.

8.1 Venting

This heater must be vented in accordance with the rules contained in this manual and with the following national codes and any state, provincial or local codes which may apply: **United States:** Refer to ANSI Z223.1 (NFPA 54) - latest revision; **Canada:** Refer to CAN/CGA-B149.1 and B149.2 - latest revision.

Exhaust end of heater will accept a 4" (10 cm) vent pipe using the vent adapter (P/N 90502700). To prevent leakage of condensation, install the vent adapter with the seam on top and seal the joint using a high temperature silicone sealant.

Any portion of vent pipe passing through a combustible wall must have an approved thimble (P/N 90505600) to conform with the above listed codes.

Vent pipe must be sloped downward away from the burner 1/2" (1 cm) for every 20' (6 m).

The heater may be individually vented or common vented. When venting horizontally, a maximum of two heaters can be commonly vented. *See Page 34, Section 8.9.* When venting vertically, a maximum of four heaters can be commonly vented. *See Page 35, Section 8.10.*

The heater may also be installed unvented in certain circumstances according to building ventilation codes. Refer to the above codes *and Page 32, Section 8.2* for further information. Unvented operation also requires compliance with the clearances to combustibles given on *Page 6, Figure 10.*

The bottom of the vent or air intake terminal shall not be located less than 1' (.3 m) above grade level.

The vent shall not terminate less than 7' (2.1 m) above grade where located adjacent to public walkways.

Vent terminal must be installed at a height sufficient to prevent blockage by snow and building materials protected from degradation by flue gasses.

Secure all joints with #8 x 3/8 sheet metal screws. Seal all joints with high temperature silicone sealant.

Vent terminal must be beyond any combustible overhang.

8.1.1 United States Requirements

Vent must terminate at least 3' (.9 m) above any forced air inlet located within 10' (3.1 m).

Vent must terminate at least 4' (1.2 m) below, 4' (1.2 m) horizontally from, or 1' (.3 m) above any door, operable window, or gravity air inlet into any building.

8.1.2 Canadian Requirements

The vent shall not terminate within 6' (1.8 m) of a mechanical air supply inlet to any building.

The vent shall not terminate within 3' (.9 m) of a window or door that can be opened in any building, any non-mechanical air supply inlet to any building, or of the combustion air inlet of any other appliance.

8.2 Unvented Operation

Sufficient ventilation must be provided in the amount of 4 cfm per 1000 Btu/h firing rate (United States); 3 cfm per 1000 Btu/h firing rate (Canada).

Use of optional outside combustion air is not recommended with unvented heaters.

If exhaust fans are used to supply ventilation air, an interlock switch must be used to prevent the heater from coming on when the fans are off. This may be done using a pressure switch.

8.3 Horizontal Venting

In noncombustible walls only, vent terminal (P/N 02537801-1P) may be used.

For 4" (10 cm) vents in either combustible or noncombustible walls, use P/N 90502100 (Tjernlund VH1-4) or equivalent insulated vent terminal. Follow the manufacturer's instructions for proper installation.

For 6" (15 cm) common vents in either combustible or noncombustible walls, use P/N 90502101 (Tjernlund VH1-6) or equivalent insulated vent terminal. Follow the manufacturer's instructions for proper installation.

8.4 Vertical Venting

For 4" (10 cm), an approved vent cap (P/N 90502300) must be used.

For 6" (15 cm) common vent, an approved vent cap (P/N 90502302) must be used.

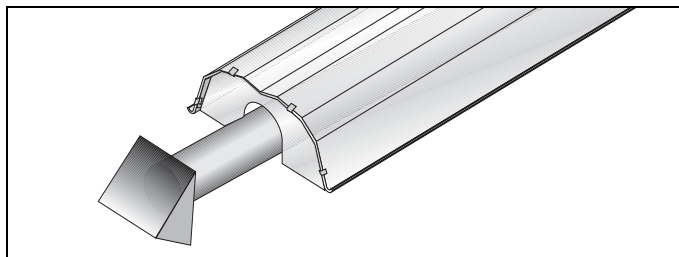
For common vertical venting of more than two heaters, *See Page 35, Section 8.10.*

A vent shall not extend less than 2' (.6m) above the highest point where it passes through a flat roof of a building.

8.5 Unvented Operation Tube Termination

Turndown type vent terminal with a screen must be installed at the exhaust end of the tube. Vent terminal design shall not incorporate backdraft flap.

FIGURE 20: Tube Termination



8.6 Length Requirements

The maximum vent length allowed is 45' (13.7 m).

The maximum outside air supply duct length allowed is 45' (13.7 m).

The total vent length, plus outside air duct length, plus any extensions to minimum heat exchanger lengths, cannot exceed 65' (19.8 m).

Vent length should be limited to less than 20' (6 m). If using vent lengths greater than 20' (6 m), condensation will form in the vent pipe. Insulation and additional sealing measures (high temperature silicone at all seams) are required. Optional heat exchanger beyond minimum lengths is considered as vent length for length determination.

Subtract 15' (4.6 m) of maximum allowed vent or duct length per vent elbow if more than two are used.

8.7 Horizontal Ventilation 4" (10 cm) Pipe

Combustible or Non-Combustible Wall

Vent Adapter

4" Single Wall Pipe

Vent Terminal

Non-Combustible Wall Only

Vent Adapter

18" Min.

4" Single Wall Pipe

Vent Terminal

Description	Part Number
Vent Terminal (Comb. Wall)	90502100
Vent Terminal	02537801-XX
Wall Thimble	90505600

8.8 Vertical Ventilation 4" (10 cm) Pipe

SIDE VIEW

18" (46 cm) Min.

4" (10 cm) Type "B" vent cap

4" (10 cm) Type "B" vent pipe

Roof Flashing

Roof

Approved Thimble (If Applicable)

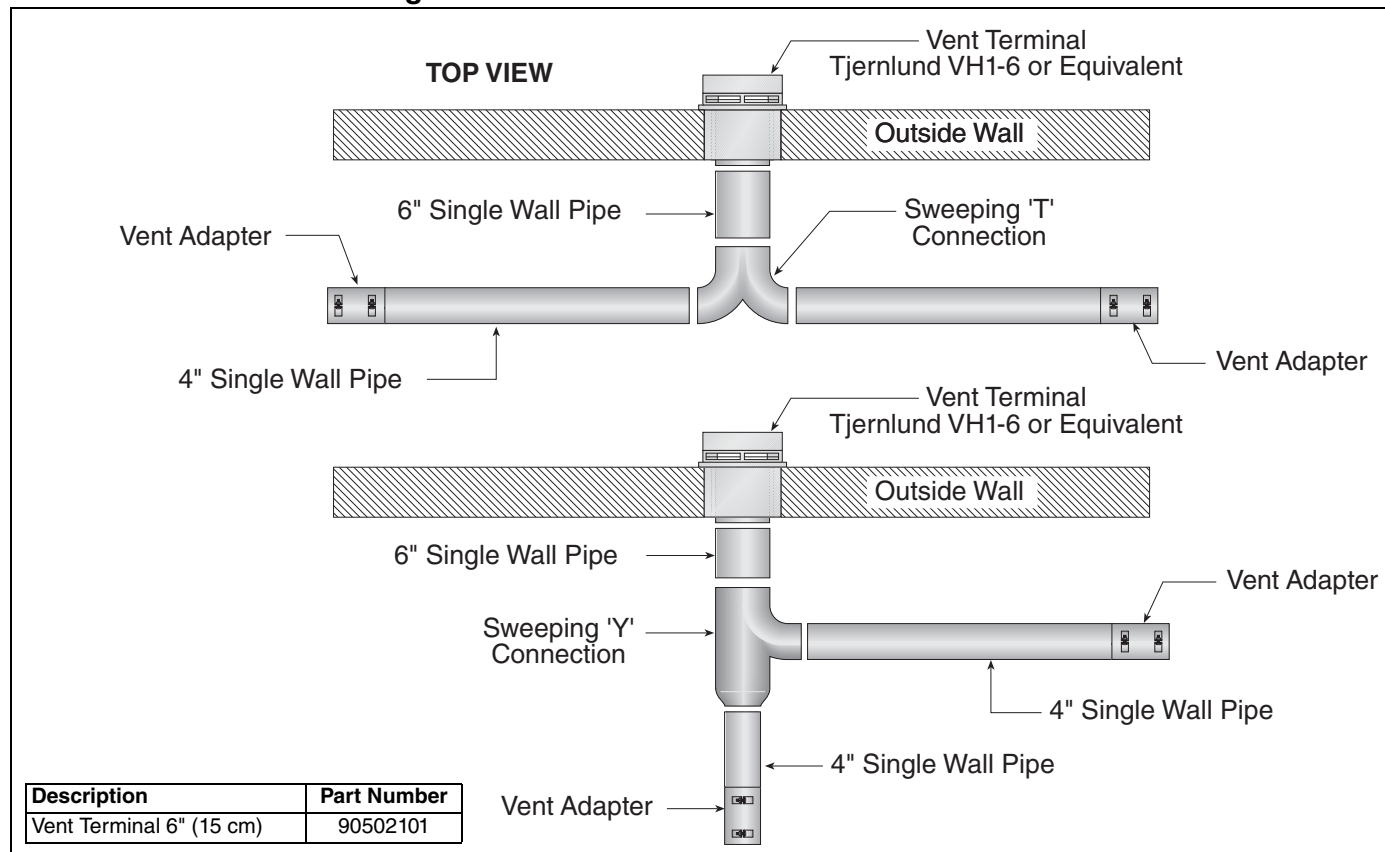
Vent Adapter

4" (10 cm) Single Wall Pipe

The last section of vent pipe passing through the roof or wall may be Type "B" vent pipe. All other vent materials in the building must be single wall vent pipe.

Description	Part Number
Vent Cap 4" (10 cm)	90502300

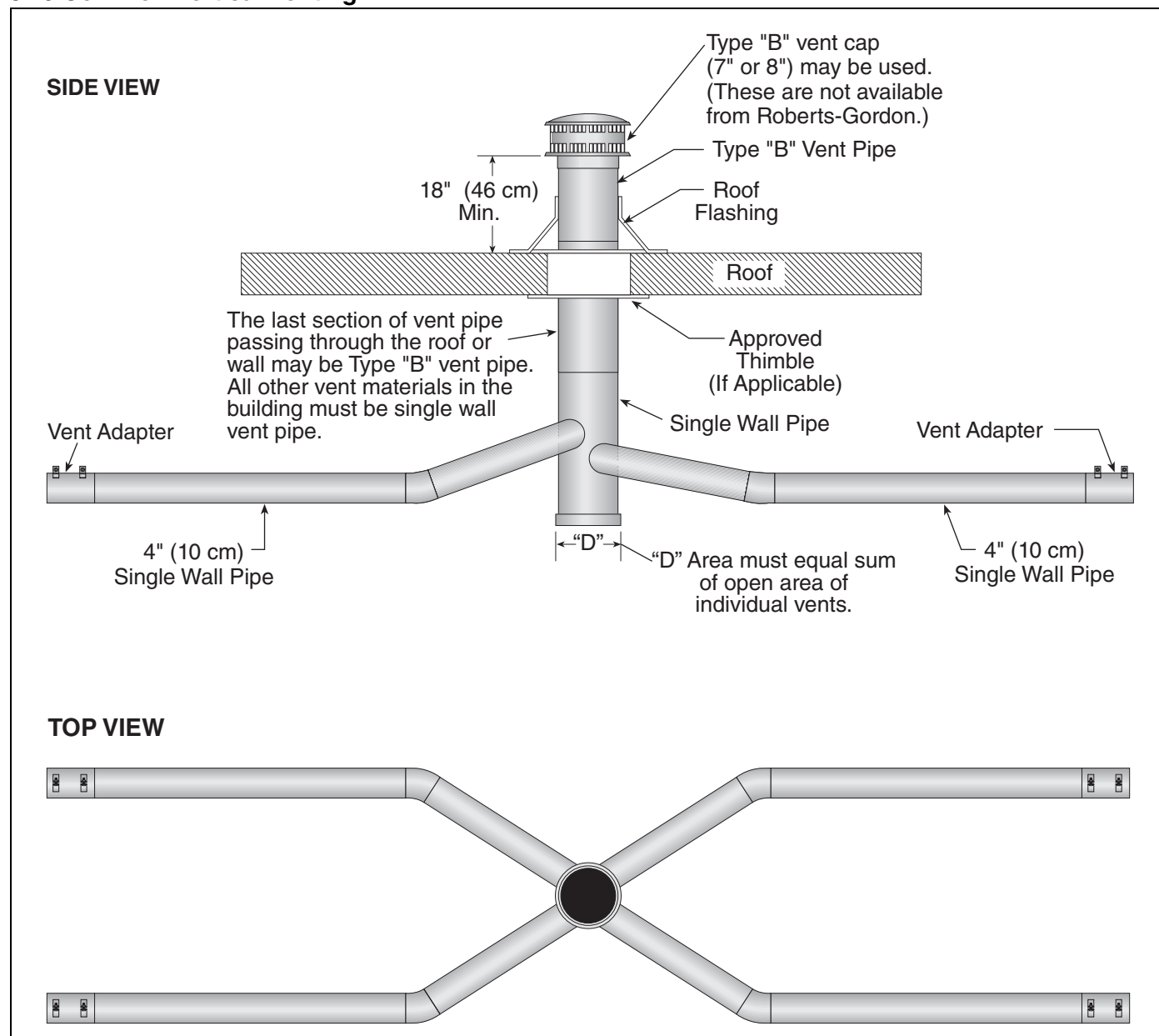
8.9 Common Sidewall Venting



Requirements:

- Maximum of 2 heaters can be commonly vented through a side wall.
- Heaters must be of the same BTU output.
- Heaters must be controlled by a common thermostat.

8.10 Common Vertical Venting



Requirements:

- Heaters must be controlled by a common thermostat.
- Connections to a common stack must be positioned to avoid direct opposition between streams of combustion gases.

8.11 Outside Combustion Air Supply

IMPORTANT: If the building has a slight negative pressure or corrosive contaminants, such as halogenated hydrocarbons, are present in the air, an outside combustion air supply to the heater is required. Seal all combustion air pipe joints.

The air supply duct may have to be insulated to prevent condensation on the outer surface. The outside air terminal must not be more than 1' (31 cm) above the vent terminal.

8.11.1 Length Requirements

Follow the constraints listed on Page 33, Section 8.6.

8.11.2 Vertical Outside Air Supply for Single Heater Installation

Vent Cap

18" (46 cm) Min.

Roof

4" (10 cm) Single Wall Pipe

Flex Hose (Recommended)

Band Clamp (Recommended)

Burner

Description	Part Number
Vent Cap 4" (10 cm)	90502300

8.11.3 Horizontal Outside Air Supply for Single Heater Installation

Vent Cap

Wall

4" (10 cm) Single Wall Pipe

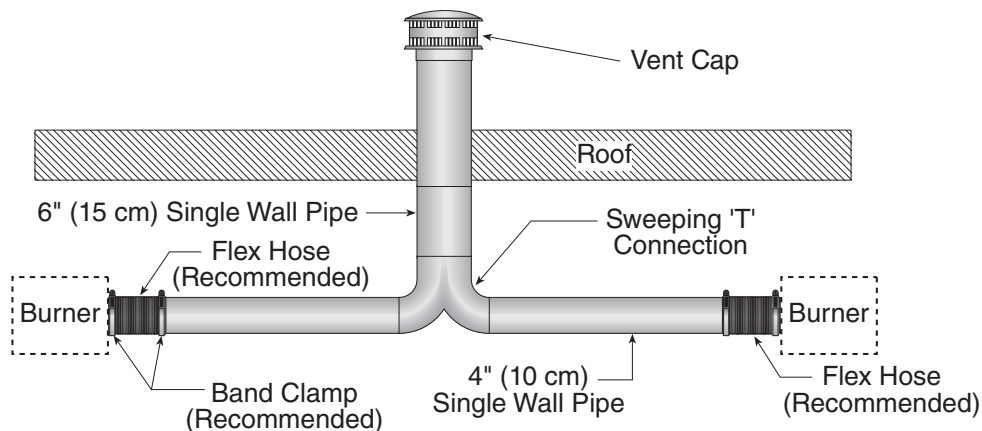
Flex Hose (Recommended)

Band Clamp (Recommended)

Burner

Description	Part Number
Vent Cap 4" (10 cm)	90502300

8.11.4 Vertical Outside Air Supply for Double Heater Installation

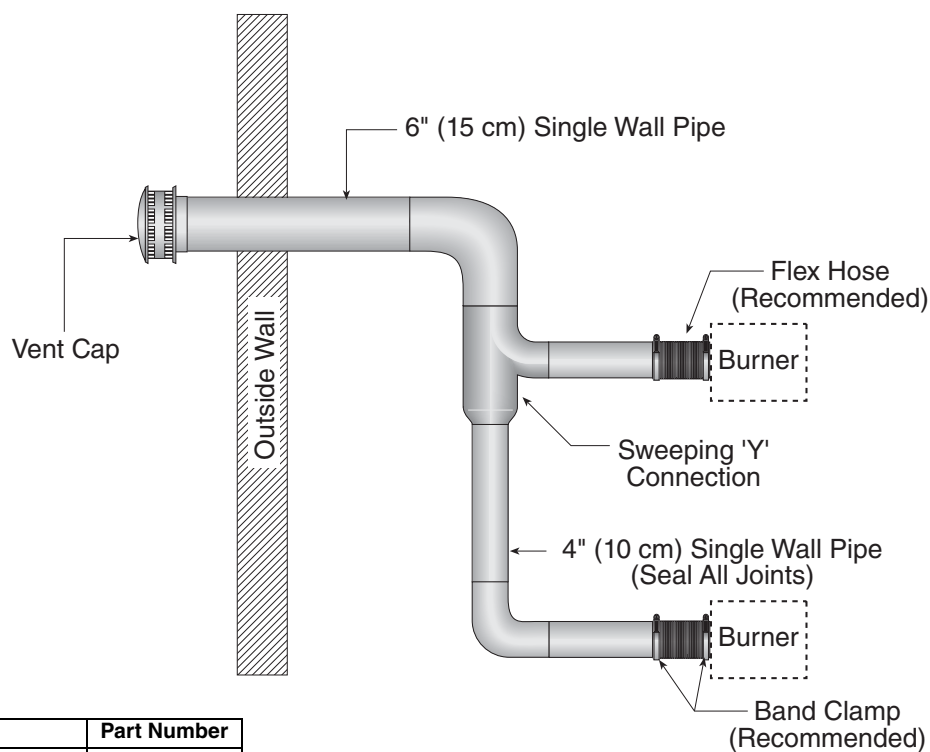


Description	Part Number
Vent Cap 6" (15 cm)	90502302

Requirements:

- Heaters must be controlled by a common thermostat.

8.11.5 Horizontal Outside Air Supply for Double Heater Installation




Description	Part Number
Vent Cap 6" (15 cm)	90502302

Requirements:

- Heaters must be controlled by a common thermostat.

SECTION 9: GAS PIPING

⚠ WARNING



Fire Hazard

Tighten gas hose fittings to connect gas supply according to *Figure 20*.

Gas hose can crack when twisted.

Gas hose moves during normal operation.

Failure to follow these instructions can result in death, injury or property damage.

Install the gas hose as shown in *Figure 21*. The gas hose accommodates expansion of the heating system and allows for easy installation and service of the burner. Before connecting the burners to the supply system, verify that all high pressure testing of

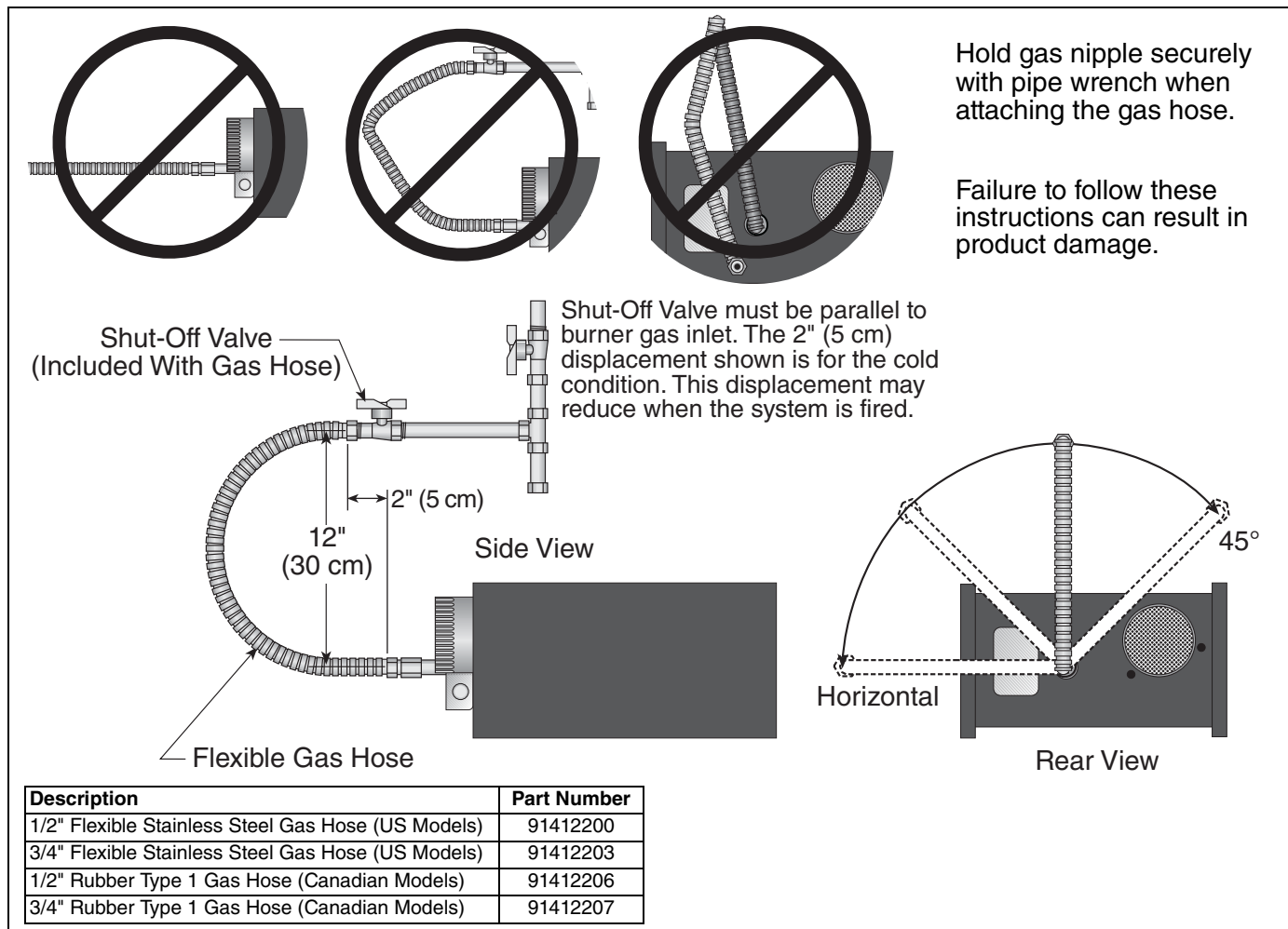
the gas piping has been completed.

There is an expansion of the tube with each firing cycle. This will cause the burner to move with respect to the gas line. This can cause a gas leak resulting in an unsafe condition if the gas connection is not made in strict accordance with *Figure 21*.

Meter and service must be large enough to handle all the burners being installed plus any other connected load. The gas line which feeds the system must be large enough to supply the required gas with a maximum pressure drop of 1/2" w.c. When gas piping is not included in the layout drawing, the local gas supplier will usually help in planning the gas piping.

- **Do not high pressure test the gas piping with the burner connected. Failure to follow these instructions can result in property damage.**
- **Check the pipe and tubing ends for leaks before placing heating equipment into service. When checking for gas leaks, use a soap and water solution; never use an open flame.**

FIGURE 21: Gas Connection with Flexible Gas Hose



SECTION 10: WIRING

⚠ WARNING**Electrical Shock Hazard**

Disconnect electrical power and gas supply before servicing.

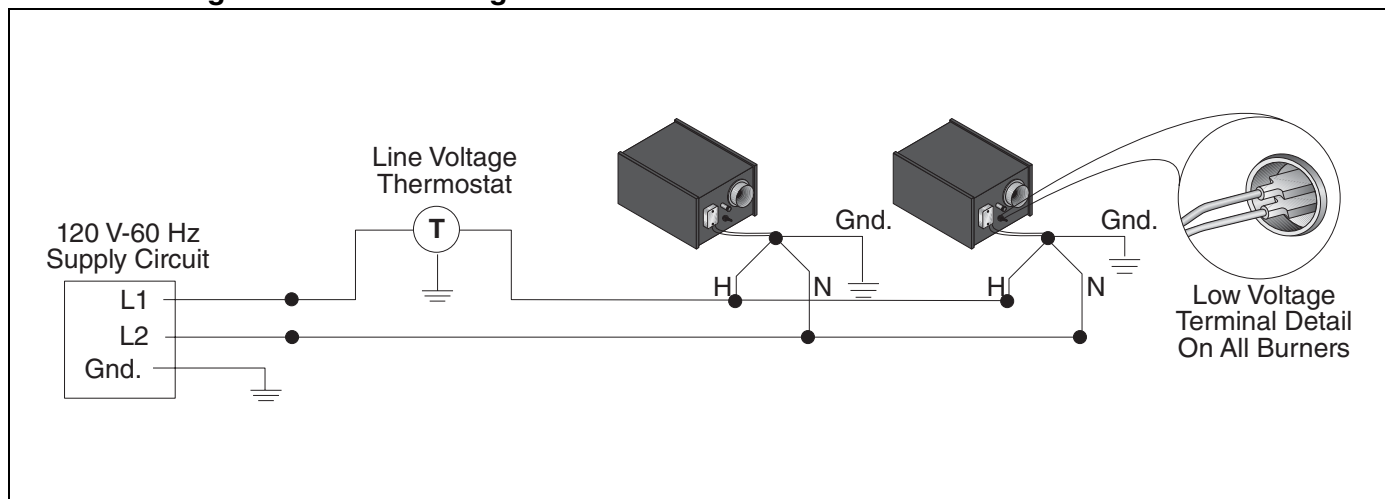
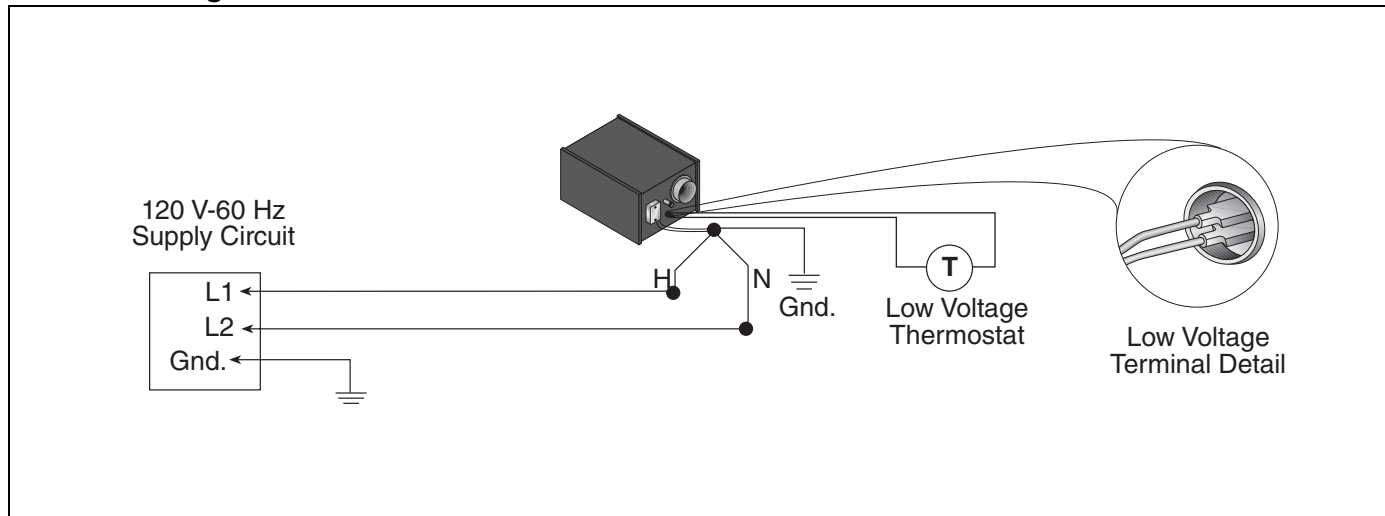
This appliance must be connected to a properly grounded electrical source.

Failure to follow these instructions can result in death or electrical shock.

Heaters can be controlled using several methods. Normally thermostats are used to control the heaters but they can also be controlled by an Energy Management System. *Section 10.1* below illustrates

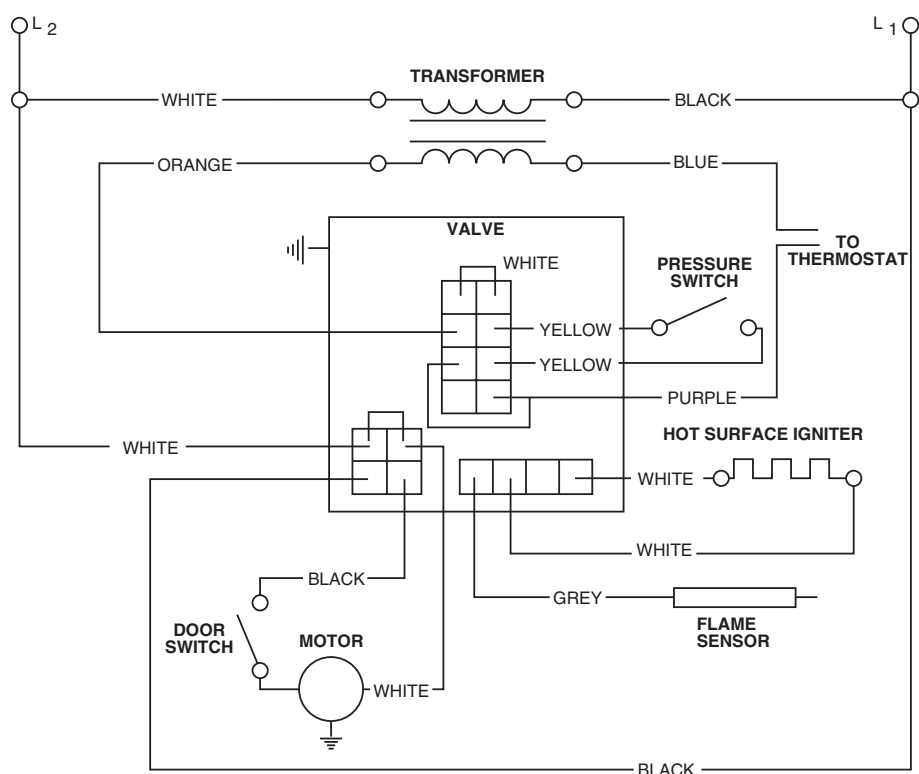
the connection for heaters controlled by a line voltage thermostat. NOTE: In order to use line voltage thermostats, the low voltage terminal located at the back of each burner must be connected as shown in the detail. For a single heater on a low voltage thermostat, See *Section 10.2* below. To control multiple heaters on one low voltage thermostat, See *Page 40, Section 10.3*. NOTE: In order to control multiple heaters on one low voltage thermostat, the low voltage terminals on each heater must be connected as shown in detail. Heaters must be grounded in accordance with applicable codes: United States: refer to National Electrical Code® ANSI/NFPA 70 - latest revision; Canada: refer to Canadian Electrical Code CSA C22.1 Part I - latest revision.

If any of the original internal wiring must be replaced, it must be replaced with wiring materials having a temperature rating of at least 105° C and 600 V.

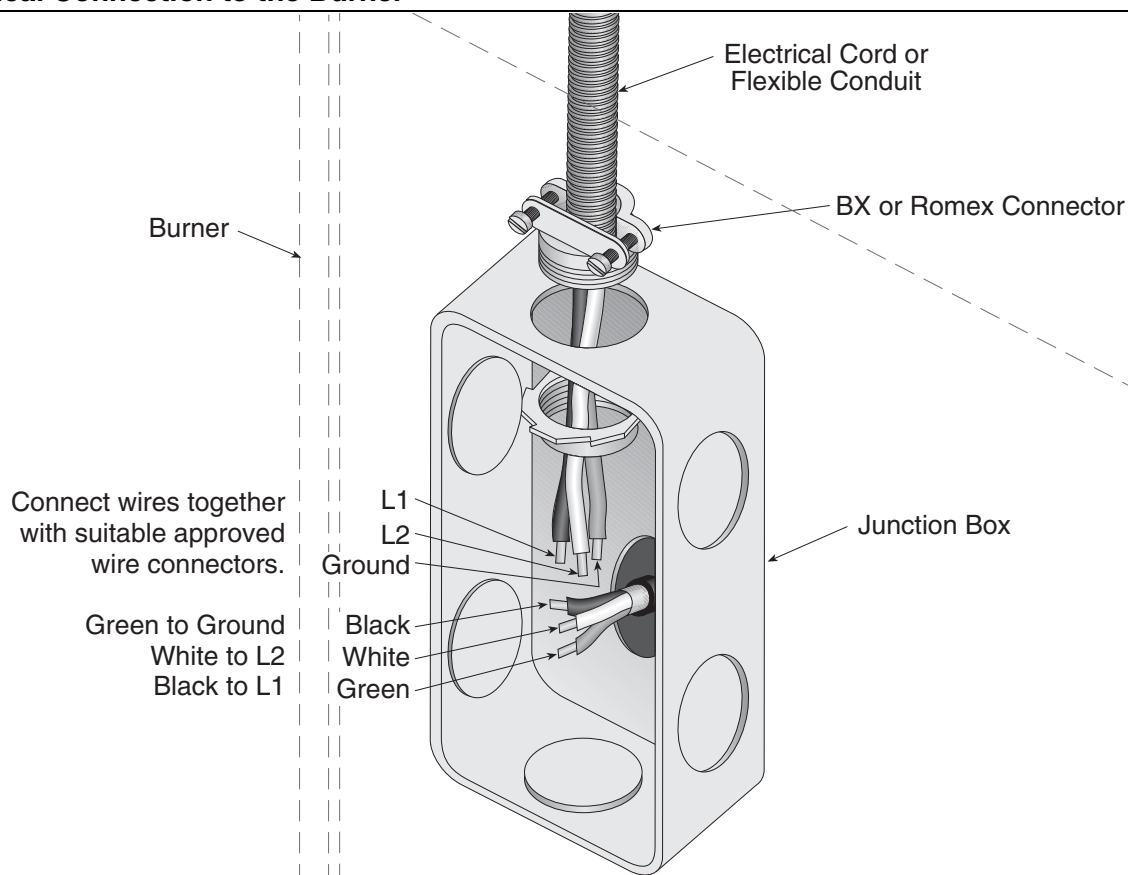
10.1 Line Voltage Thermostat Wiring**10.2 Low Voltage Thermostat with One Burner**



10.5 Ladder Diagram



10.6 Electrical Connection to the Burner



SECTION 11: OPERATION AND MAINTENANCE

This heater is equipped with a hot-surface ignition system.

11.1 Sequence of Operation

1. Turn the thermostat up. When the thermostat calls for heat, the SmartValve® II will energize. After a short period, power is supplied to the blower motor.
2. When the motor approaches nominal running RPM, the pressure switch closes and signals the ignition module/SmartValve® II.
3. The ignition module/SmartValve® II then energizes the hot-surface igniter for a timed warm-up period (approximately 45 to 60 seconds). After the warm-up period, the gas valve is energized.
4. If a flame is detected, the gas valve remains open and the igniter is de-energized. When the call for heat is satisfied and the system control mechanism de-energizes the burner line voltage supply, the gas is turned off.
5. If no flame is detected by the flame sensing rod, the igniter is de-energized and the module/SmartValve® II will close and a purge period begins. After the purge, the module/SmartValve® II acts to power the igniter for a second warm-up period and a second trial for ignition period. If flame is still not established, a third purge, warm-up, and trial cycle begins. After four trials, the module/SmartValve® II will lockout for one hour or until reset.
6. If the flame extinguishes during operation, the igniter module will provide multiple trial sequences described in step 5. If ignition is not re-established, the module/SmartValve® II will lockout for one hour or until reset.
7. After lockout, reset by turning down thermostat for five seconds, and then raising it again to desired temperature, or by disconnecting power and then reconnecting.

11.2 To Shut Off Heater

Set thermostat to lowest setting.

Turn OFF electric power to heater.

Turn OFF manual gas valve in the heater supply line.

11.3 To Start Heater

Turn gas valve and electric power OFF and wait five minutes for unburned gases to vent from heater.

Turn ON main gas valve.

Turn ON electric power.

Set thermostat to desired temperature. Burner should light automatically.

11.4 Pre-Season Maintenance and Annual Inspection

WARNING

Turn off gas and electrical supplies before performing service or maintenance.

Failure to follow these instructions can result in death, injury or property damage.

To ensure your safety and years of trouble-free operation of the heating system, service and annual inspections must be done by a contractor qualified in the installation and service of gas-fired heating equipment.

Turn off gas and electric supplies before performing service or maintenance. Allow heater to cool before servicing.

Before every heating season, a contractor qualified in the installation and service of gas-fired heating equipment must perform a thorough safety inspection of the heater.

For best performance, the gas, electrical, thermostat connections, tubing, venting, suspensions and overall heater condition should be thoroughly inspected.

NOTE: Gas flow and burner ignition are among the first things that should be inspected.

Please see *Page 43, Section 11.5* for suggested items to inspect.

11.5 Maintenance Checklist

WARNING

Turn off gas and electrical supplies before performing service or maintenance.

Failure to follow these instructions can result in death, injury or property damage.

Installation Code and Annual Inspections: All installations and service of ROBERTS GORDON® products must be performed by a contractor qualified in the installation and service of gas-fired heating equipment and conform to all requirements set forth in the ROBERTS GORDON® manuals and all applicable governmental authorities pertaining to the installation, service and operation of the equipment.

To help facilitate optimum performance and safety, Roberts-Gordon recommends that a qualified contractor annually inspect your ROBERTS GORDON® products and perform service where necessary, using only ROBERTS GORDON® replacement parts.

The Vicinity of the Heater	<p>Do not store or use flammable objects, liquids or vapors near the heater. Immediately remove these items if they are present.</p> <p><i>See Page 3, Section 3.</i></p>
Vehicles and Other Objects	<p>Maintain the clearances to combustibles.</p> <p>Do not hang anything from, or place anything on, the heater.</p> <p>Make sure nothing is lodged underneath the reflector, in between the tubes or in the decorative or protective grilles (included with select models).</p> <p>Immediately remove objects in violation of the clearances to combustibles.</p> <p><i>See Page 3, Section 3.</i></p>
Reflector	<p>Make sure there is no dirt, sagging, cracking or distortion.</p> <p>Do not operate if there is sagging, cracking or distortion.</p> <p>Make sure reflectors are correctly overlapped. <i>See Page 19, Section 6.5.1.</i></p> <p>Clean outside surface with a damp cloth.</p>
Vent Pipe	<p>Venting must be intact. Using a flashlight, look for obstructions, cracks on the pipe, gaps in the sealed areas or corrosion.</p> <p>The area must be free of dirt and dust.</p> <p>Remove any carbon deposits or scale using a wire brush.</p> <p><i>See Page 32, Section 8.</i></p>
Outside Air Inlet	<p>Inlet must be intact. Look for obstructions, cracks on the pipe, gaps in the sealed areas or corrosion.</p> <p>The area must be free of dirt and dust. Clean and reinstall as required.</p>

Tubes	<p>Make sure there are no cracks.</p> <p>Make sure tubes are connected and suspended securely.</p> <p><i>See Page 11, Section 6.</i></p> <p>Make sure there is no sagging, bending or distortion.</p> <p>Clean or replace as required.</p>
Gas Line	<p>Check for gas leaks. <i>See Page 38, Section 9.</i></p>
Burner Observation Window	<p>Make sure it is clean and free of cracks or holes.</p> <p>Clean and replace as required.</p>
Blower Scroll, Wheel and Motor	<p>Compressed air or a vacuum cleaner may be used to clean dust and dirt.</p>
Burner Cup and Orifice	<p>Clear of obstructions (even spider webs will cause problems).</p> <p>Carefully remove any dust and debris from the burner.</p>
Hot-Surface Igniter	<p>Replace if cracked or broken.</p>
Thermostat	<p>There should be no exposed wire or damage to the thermostat.</p> <p><i>See Page 39, Section 10.</i></p>
Suspension Points	<p>Make sure the heater is hanging securely. Look for signs of wear on the chain or ceiling.</p> <p><i>See Page 11, Figure 12.</i></p>
Decorative and Protective Grille (optional)	<p>The grille must be securely attached.</p> <p>Check that the side reflector extensions are installed correctly and secured in place if necessary. (Decorative grille only.)</p> <p><i>See Page 27, Section 7.5 and Page 31, Section 7.7.</i></p> <p>Make sure shield is installed correctly and secured in place if necessary. (Decorative grille only.) <i>See Page 28, Section 7.5.2.</i></p>
Lower Clearance Shield (optional)	<p>The lower shield must be securely attached. Inspect shield support straps and lower clearance shield anchor points.</p> <p><i>See Page 27, Section 7.4.</i></p> <p>Make sure shield is installed correctly and secured in place if necessary.</p> <p><i>See Page 27, Section 7.4.</i></p>

SECTION 12: TROUBLESHOOTING

12.1 Honeywell SmartValve® II Troubleshooting

⚠ WARNING

Turn off gas and electrical supplies before performing service or maintenance.

Failure to follow these instructions can result in death, injury or property damage.

This heater is supplied with the Honeywell Smart-Valve® II control system. This system is equipped with a diagnostic function that will assist in performing troubleshooting. The LED (Light Emitting Diode) indicator at the top of the SmartValve® II control will flash in various patterns to indicate status. The LED status indication chart provided below gives a summary of possible faults.

LED Status Indicates

Off	No power to the control.
Bright-Dim	Normal Operation. This indication shows whenever the system is powered, unless some abnormal event has occurred.
2 Flashes	Pressure switch remains closed longer than 30 seconds after a call for heat begins (pressure switch stuck closed). The SmartValve® II checks the status of the pressure switch contacts and must see a change in the contact with every firing cycle. Placing a jumper at the switch out of sequence will result in a fault, with the LED indicator flashing 2 times.
3 Flashes	Pressure switch remains open longer than 30 seconds after combustion air blower is energized. Check for correct blower operation, blower intake obstructions, pressure switch tubing and wiring.
4 Flashes	Limit string open, 2" white jumper wire on valve is loose.
5 Flashes	Flame signal sensed out of proper sequence.

6 Flashes

System Lockout. Flame sensing circuit is not functioning properly. Perform the checks following the "Does the burner stay lit?" bubble in the troubleshooting flow chart on Page 46, Section 12.2.

⚠ WARNING

Electrical Shock Hazard



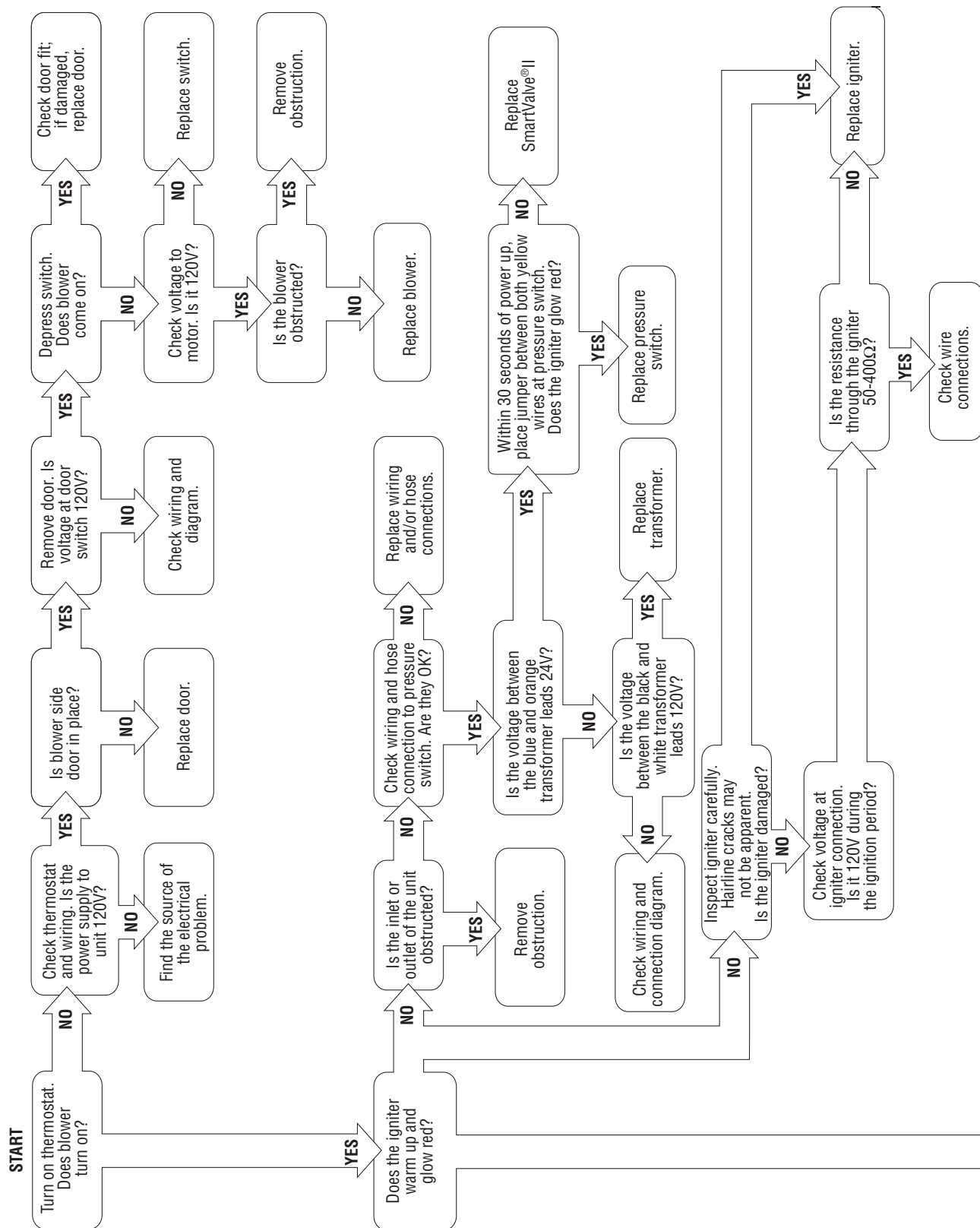
Do not disconnect ground leads inside heater.

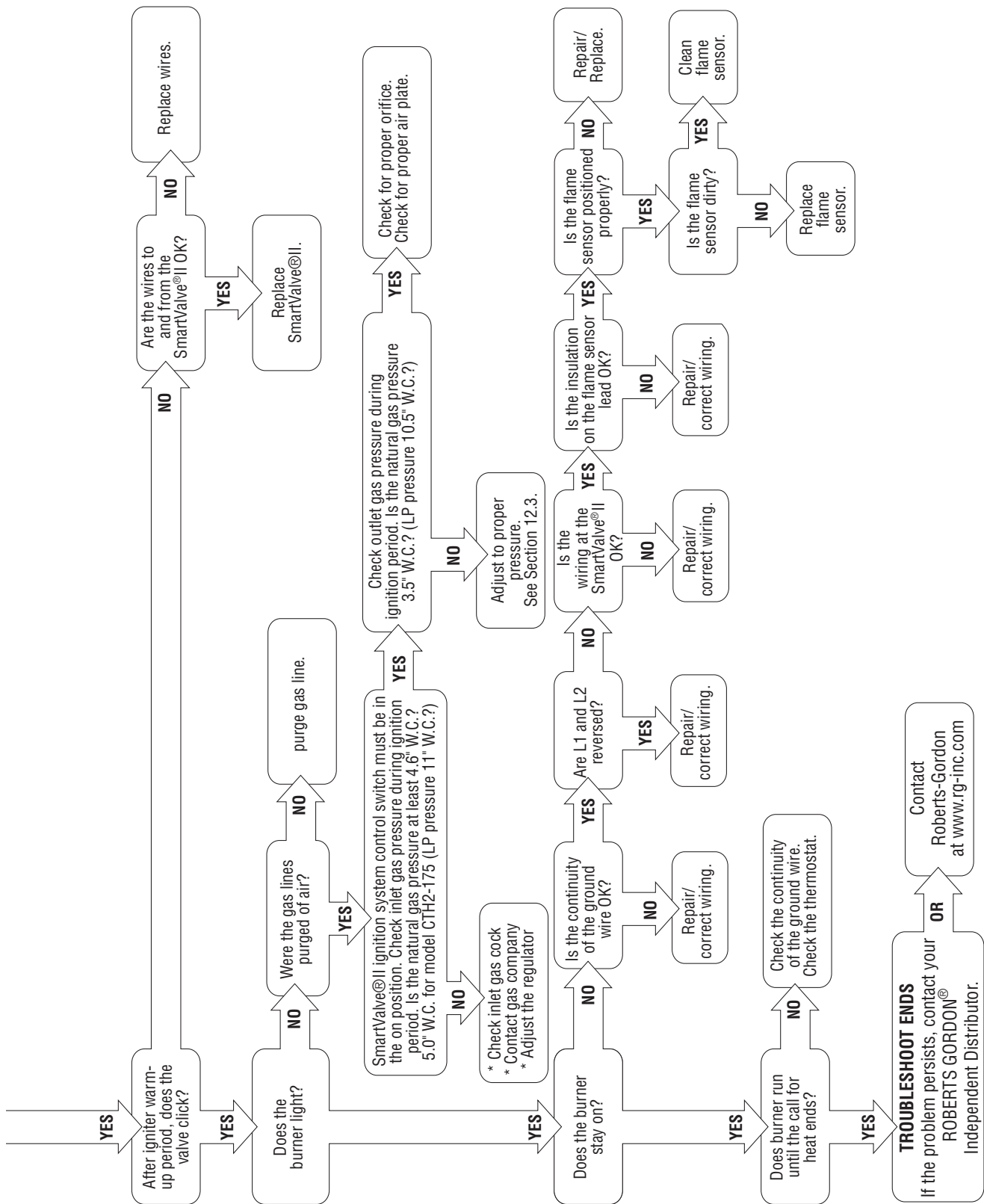
Do not interchange grounded and ungrounded leads on transformer or ignition module.

Failure to follow these instructions can result in death or electrical shock.

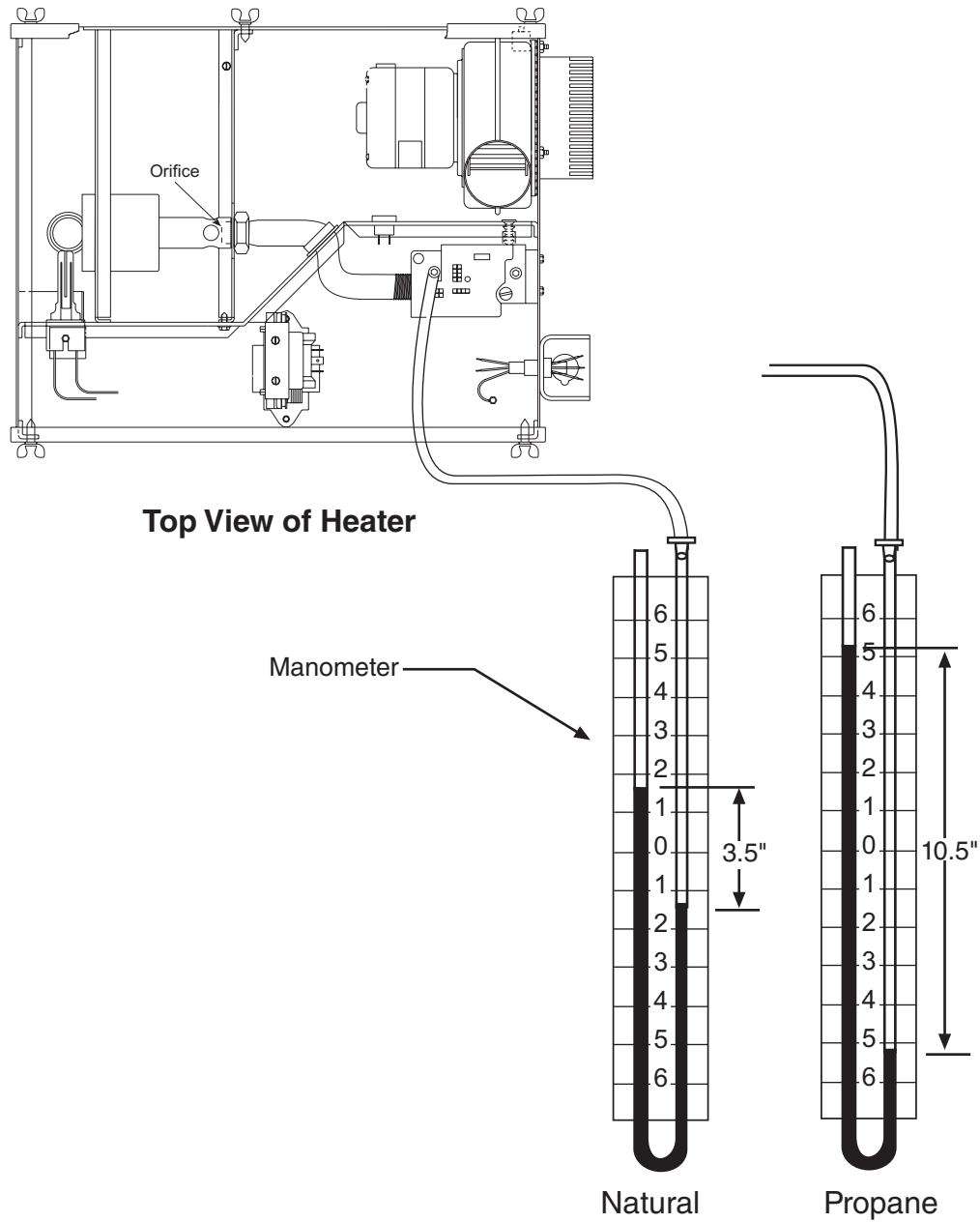
Page 48, Section 12.3 will provide the information needed to test the manifold gas pressure setting. Page 46, Section 12.2 will guide you through several troubleshooting steps to determine possible problems with the systems.

12.2 Troubleshooting Flow Chart



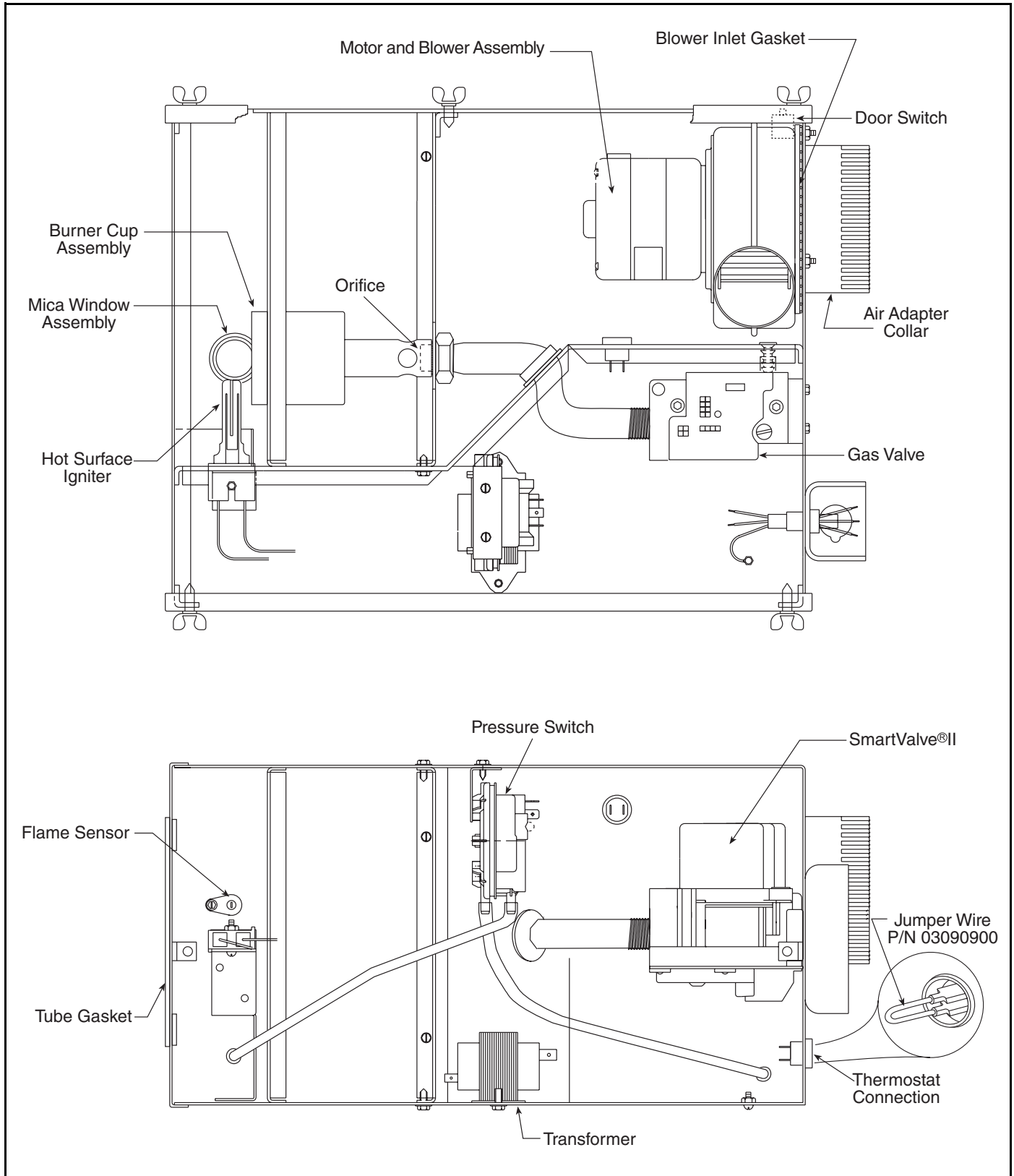


12.3 Manifold Gas Pressure Setting



SECTION 13: REPLACEMENT PARTS

Use only genuine ROBERTS GORDON® replacement parts.
Use of parts not specified by Roberts-Gordon voids warranty.
Failure to follow these instructions can result in property damage.



Description	Part Number
Gas Valve (Natural)	90068300
Gas Valve (LP)	90068302
Tube Gasket	02568200
Blower Inlet Gasket	03050900
Motor and Blower Assembly	90708600
Air Adapter Collar	91911700
Door Switch	90436800
Burner Cup Assembly	03020100
Hot Surface Igniter	90436603K
Mica Window Assembly	02553203
Flame Sensor	90439300
Transformer	90436900K
Thermostat Connection	91317900
Jumper Wire	03090900
Pressure Switch:	
(175)	90439802K
(80, 100)	90439803K
(150)	90439804K
(40, 60, 125)	90439805K

SECTION 14: GENERAL SPECIFICATIONS**14.1 Material Specification****14.1.1 Reflectors**

.024 Aluminum

(optional .024 Stainless Steel Type 304)

14.2 Heater Specifications**14.2.1 Ignition**

Fully automatic hot-surface ignition with safety shut-off.

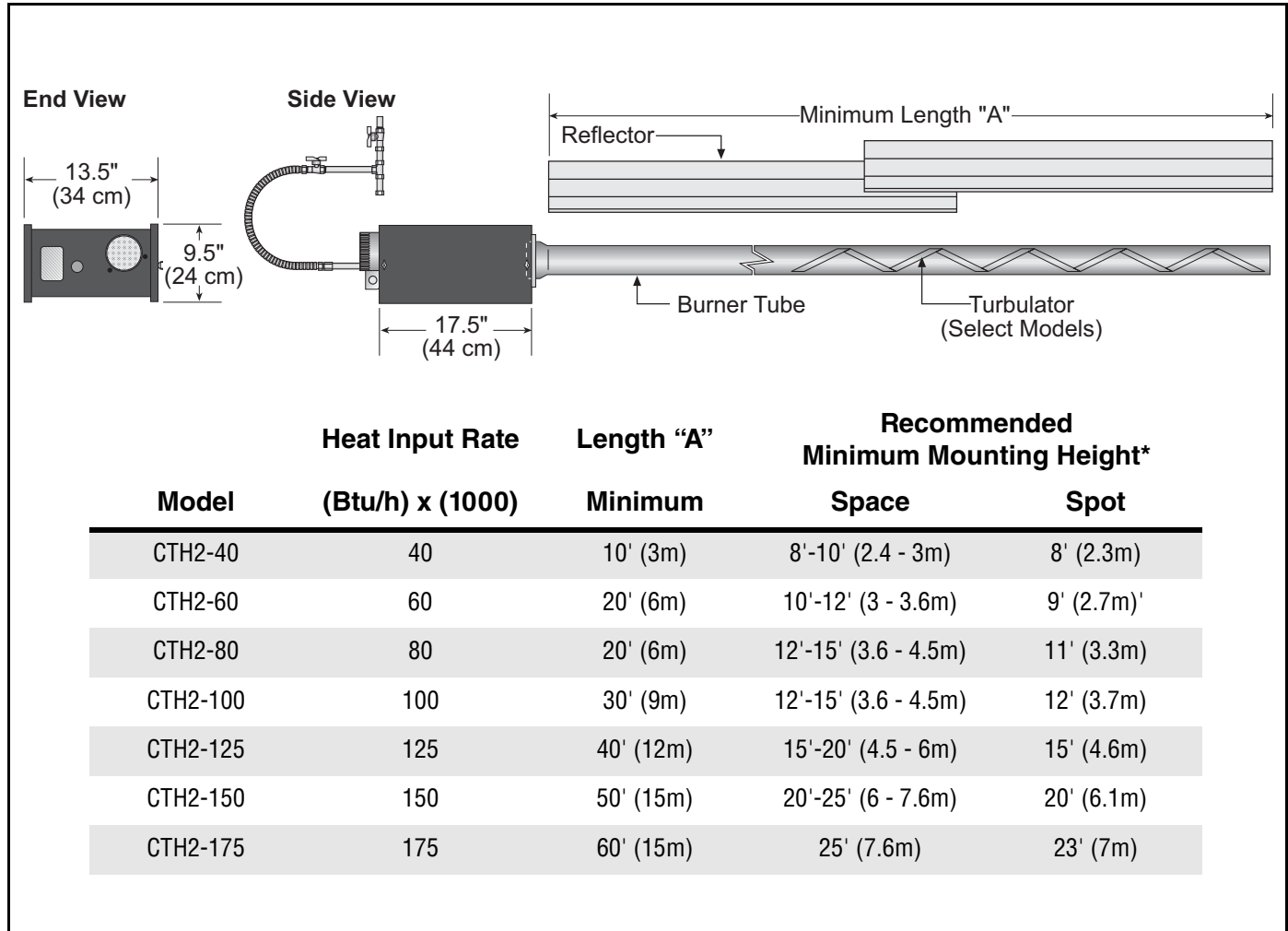
General Specifications for the heaters are as follows:

14.3 Suspension Specifications

Hang heater with materials with a minimum working load of 75 lbs (33 kg). See Page 11, Figure 12.

14.4 Controls Specifications

Time switches, thermostats, etc. can be wired into the electrical supply. External controls supplied as an optional extra.



*See Page 3, Section 3 for clearances to combustibles.

GAS PRESSURE AT MANIFOLD:

Natural Gas: 3.5" w.c.

LP Gas: 10.5" w.c.

PIPE CONNECTION:

1/2" NPT (for 40, 60, 80, 100, 125)

3/4" NPT (for 150 & 175)

DIMENSIONS:

Vent Connection Size: 4" (10 cm)

Outside Air Connection Size: 4" (10 cm)

Refer to figure above for dimensional information.

GAS INLET PRESSURE:**Natural Gas:**

for 40,60,80,100,125,150 4.6" w.c.Minimum

for 175 5.0" w.c.Minimum

14.0" w.c.Maximum

LP Gas:

11.0" w.c.Minimum

14.0" w.c.Maximum

ELECTRICAL RATING (ALL MODELS):

120 V - 60 Hz., 1.0 A (run) 5.0 A (Start)

SECTION 15: THE ROBERTS GORDON® VANTAGE® II WARRANTY

ROBERTS-GORDON WILL PAY FOR:

Within 42 months from date of shipment from Roberts-Gordon, replacement parts will be provided free of charge for any part of the product which fails due to a manufacturing or material defect.

Roberts-Gordon will require the part in question to be returned to the factory. Roberts-Gordon will, at its sole discretion, repair or replace after determining the nature of the defect and disposition of part in question.

ROBERTS GORDON® Replacement Parts are warranted for a period of 18 months from date of shipment from Roberts-Gordon or the remaining ROBERTS GORDON® VANTAGE® II warranty.

ROBERTS-GORDON WILL NOT PAY FOR:

Service trips, service calls and labor charges.

Shipment of replacement parts.

Claims where the total price of the goods have not been paid.

Damage due to:

- Improper installation, operation or maintenance.
- Misuse, abuse, neglect, or modification of the ROBERTS GORDON® VANTAGE® II in any way.
- Use of the ROBERTS GORDON® VANTAGE® II for other than its intended purpose.
- Incorrect gas or electrical supply, accident, fire, floods, acts of God, war, terrorism, or other casualty.
- Improper service, use of replacement parts or accessories not specified by Roberts-Gordon.
- Failure to install or maintain the ROBERTS GORDON® VANTAGE® II as directed in the Installation, Operation and Service manual.
- Relocation of the ROBERTS GORDON® VANTAGE® II after initial installation
- The use of the ROBERTS GORDON® VANTAGE® II in a corrosive atmosphere containing contaminants.
- The use of the ROBERTS GORDON® VANTAGE® II in the vicinity of a combustible or explosive material.
- Any defect in the ROBERTS GORDON® VANTAGE® II arising from a drawing, design, or specification supplied by or on behalf of the consumer.
- Damage incurred during shipment. Claim must be filed with carrier.

WARRANTY IS VOID IF:

The ROBERTS GORDON® VANTAGE® II is not installed by an electrician qualified in the installation and service of control systems for heating equipment.

You cannot prove original purchase date and required annual maintenance history.

The data plate and/or serial number are removed, defaced, modified or altered in any way.

The ownership of the ROBERTS GORDON® VANTAGE® II is moved or transferred. This warranty is nontransferable.

Roberts-Gordon is not permitted to inspect the damaged controller and/or component parts.

READ YOUR INSTALLATION, OPERATION AND SERVICE MANUAL

If you have questions about your controller, contact your installing professional. Should you need Replacement Parts or have additional questions, call or write Roberts-Gordon:

U.S.A.

1250 William Street

P.O. Box 44

Buffalo, New York 14240-0044

716.852.4400

On the web at: www.rg-inc.com

Roberts-Gordon's liability, and your exclusive remedy, under this warranty or any implied warranty (including the implied warranties of merchantability and fitness for a particular purpose) is limited to providing replacement parts during the term of this warranty. Some

jurisdictions do not allow limitations on how long an implied warranty lasts, so this limitation may not apply to you. There are no rights, warranties or conditions, expressed or implied, statutory or otherwise, other than those contained in this warranty.

Roberts-Gordon shall in no event be responsible for incidental or consequential damages or incur liability for damages in excess of the amount paid by you for the ROBERTS GORDON® VANTAGE® II. Some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, so this limitation or exclusion may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from jurisdiction to jurisdiction.

Roberts-Gordon shall not be responsible for failure to perform under the terms of this warranty if caused by circumstances out of its control, including but not limited to war, fire, flood, strike, government or court orders, acts of God, terrorism, unavailability of supplies, parts or power. No person is authorized to assume for Roberts-Gordon any other warranty, obligation or liability.

LIMITATIONS ON AUTHORITY OF REPRESENTATIVES:

No representative of Roberts-Gordon, other than an Executive Officer, has authority to change or extend these provisions. Changes or extensions shall be binding only if confirmed in writing by Roberts-Gordon's duly authorized Executive Officer.



OWNER WARRANTY REGISTRATION CARD

Mail or Fax to:

Roberts Gordon • 1250 William Street, P.O. Box 44 • Buffalo, NY 14240-0044 • Phone: 716-852-4400 • Fax: 716-852-0854
Toll Free: 800-828-7450 • www.rg-inc.com

About the Owner:

Name: _____
Address: _____ City: _____ State: _____ Zip Code: _____
Phone: _____ Fax: _____ E-mail: _____

About the Installer:

Name: _____
Address: _____ City: _____ State: _____ Zip Code: _____
Phone: _____ Fax: _____ E-mail: _____

Purchased From (if different than installer):

Name: _____
Address: _____ City: _____ State: _____ Zip Code: _____
Phone: _____ Fax: _____ E-mail: _____

About your Heater:

Model #: _____ Serial #: _____ Fuel: _____ Installation Date: _____

Type of Installation (check one):

☐ Automotive ☐ Manufacturing ☐ Warehouse ☐ Recreational ☐ Aircraft
☐ Public Building ☐ Office ☐ Retail ☐ Agricultural ☐ Other _____

Installation Code and Annual Inspections:

All installations and service of ROBERTS GORDON® products must be performed by a contractor qualified in the installation and service of gas-fired heating equipment and conform to all requirements set forth in the ROBERTS GORDON® manuals and all applicable governmental authorities pertaining to the installation, service and operation of the equipment.

To help facilitate optimum performance and safety, Roberts-Gordon recommends that a qualified contractor annually inspect your ROBERTS GORDON® products and perform service where necessary, using only ROBERTS GORDON® replacement parts.

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Attach this information to a wall near the ROBERTS GORDON® heater.



Read the Installation, Operation, and Service Manual thoroughly before installation, operation, or service.

Know your model number and installed configuration.

Model number and installed configuration are found on the burner and in the Installation, Operation and Service Manual.

Write the largest clearance dimensions with permanent ink according to your model number and configuration in the open spaces below.

OPERATING INSTRUCTIONS

1. STOP! Read all safety instructions on this information sheet.
2. Open the manual gas valve in the heater supply line.
3. Turn on electric power to the heater.
4. Set the thermostat to desired setting.

TO TURN OFF THE HEATER

1. Set the thermostat to off or the lowest setting.

IF THE HEATER WILL NOT OPERATE, TO ENSURE YOUR SAFETY, FOLLOW THESE INSTRUCTIONS TO SHUT DOWN YOUR HEATER

1. Set the thermostat to off or the lowest setting.
2. Turn off electric power to the heater.
3. Turn off the manual gas valve in the heater supply line.
4. Call your registered installer/contractor qualified in the installation and service of gas-fired heating equipment.

⚠ WARNING



Fire Hazard

Some objects can catch fire or explode when placed close to heater.

Keep all flammable objects, liquids and vapors the required clearances to combustibles away from heater.

Failure to follow these instructions can result in death, injury or property damage.

**Maintain _____ clearance
to the side and
_____ clearance below
the heater from vehicles
and combustible materials.**

Roberts-Gordon, LLC
1250 William Street
P.O. Box 44
Buffalo, NY 14240-0044 USA
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Fax: 716.852.0854
Toll Free: 800.828.7450

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Bilston, West Midlands WV14 7EG UK
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Fax: +44(0) 1902 403200

Service Telephone: +44(0) 1902 498733
Service Fax: +44(0) 1902 401464
E-mail: uksales@rg-inc.com
E-mail: export@rg-inc.com

Installation Code and Annual Inspections: All installations and service of ROBERTS GORDON® products must be performed by a contractor qualified in the installation and service of gas-fired heating equipment and conform to all requirements set forth in the ROBERTS GORDON® manuals and all applicable governmental authorities pertaining to the installation, service and operation of the equipment.

To help facilitate optimum performance and safety, Roberts-Gordon recommends that a qualified contractor annually inspect your ROBERTS GORDON® products and perform service where necessary, using only ROBERTS GORDON® replacement parts.

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P/N 91037912 Rev B